



FIG. 1

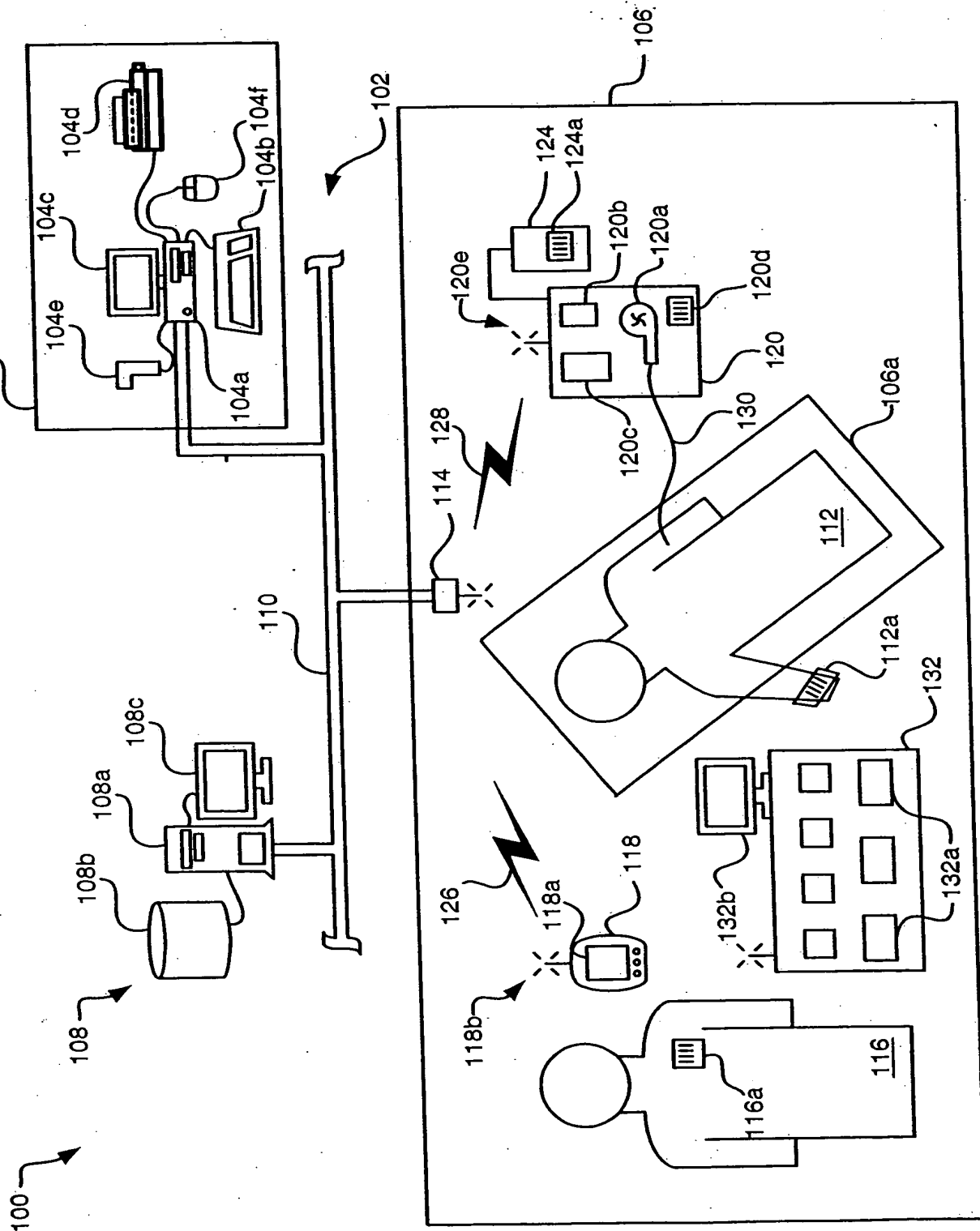
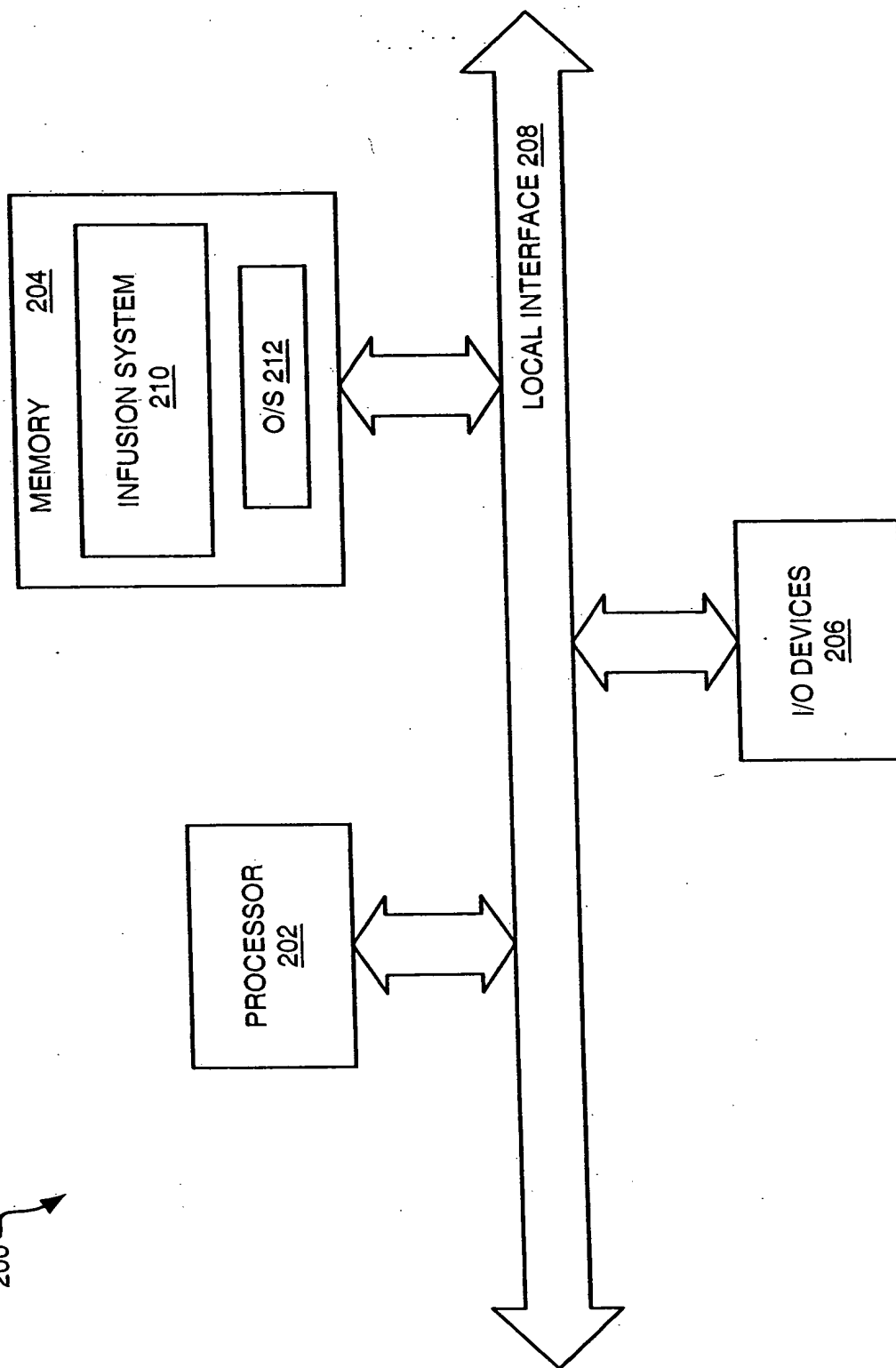


FIG. 2

200



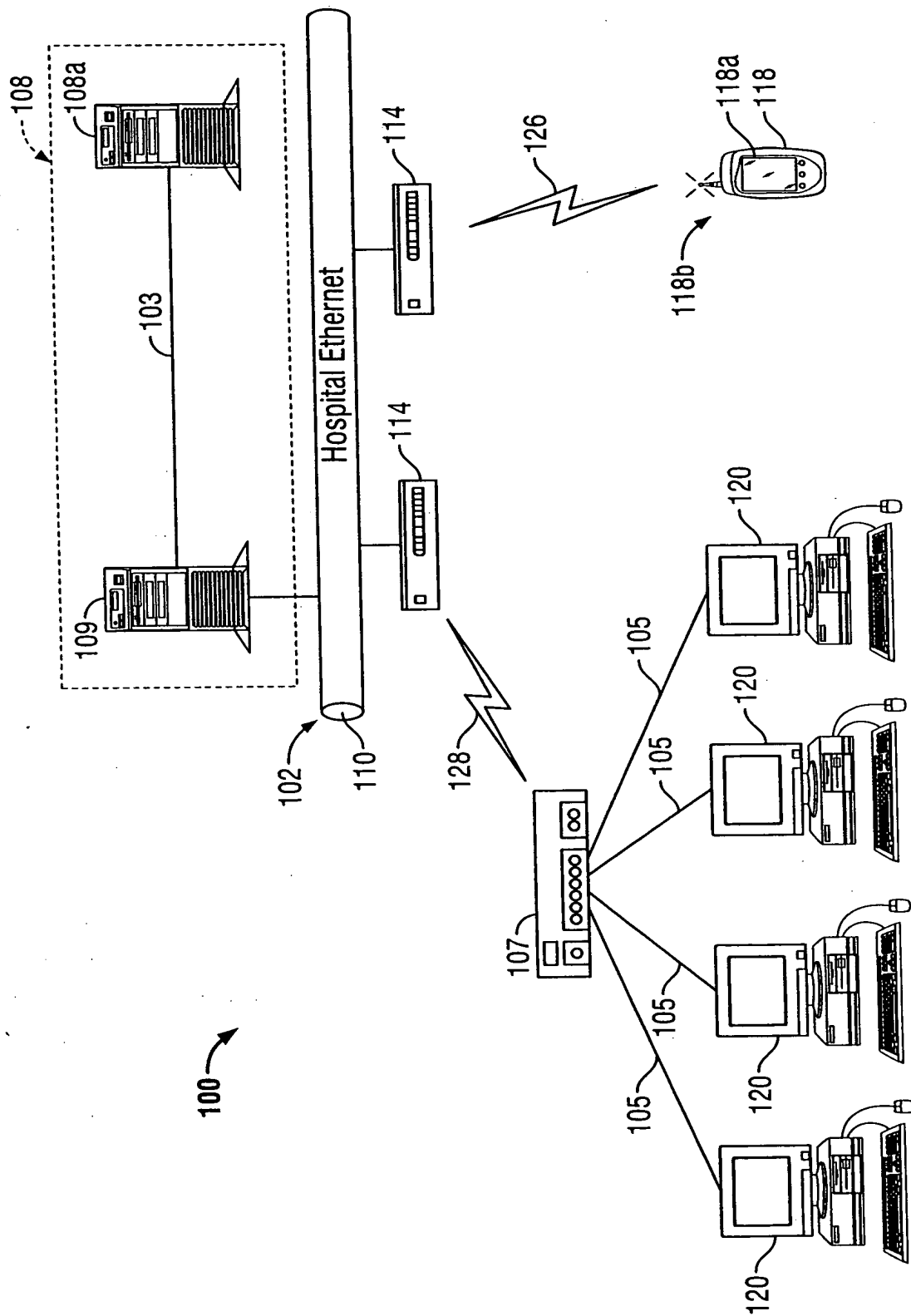


FIG. 3

FIG. 5

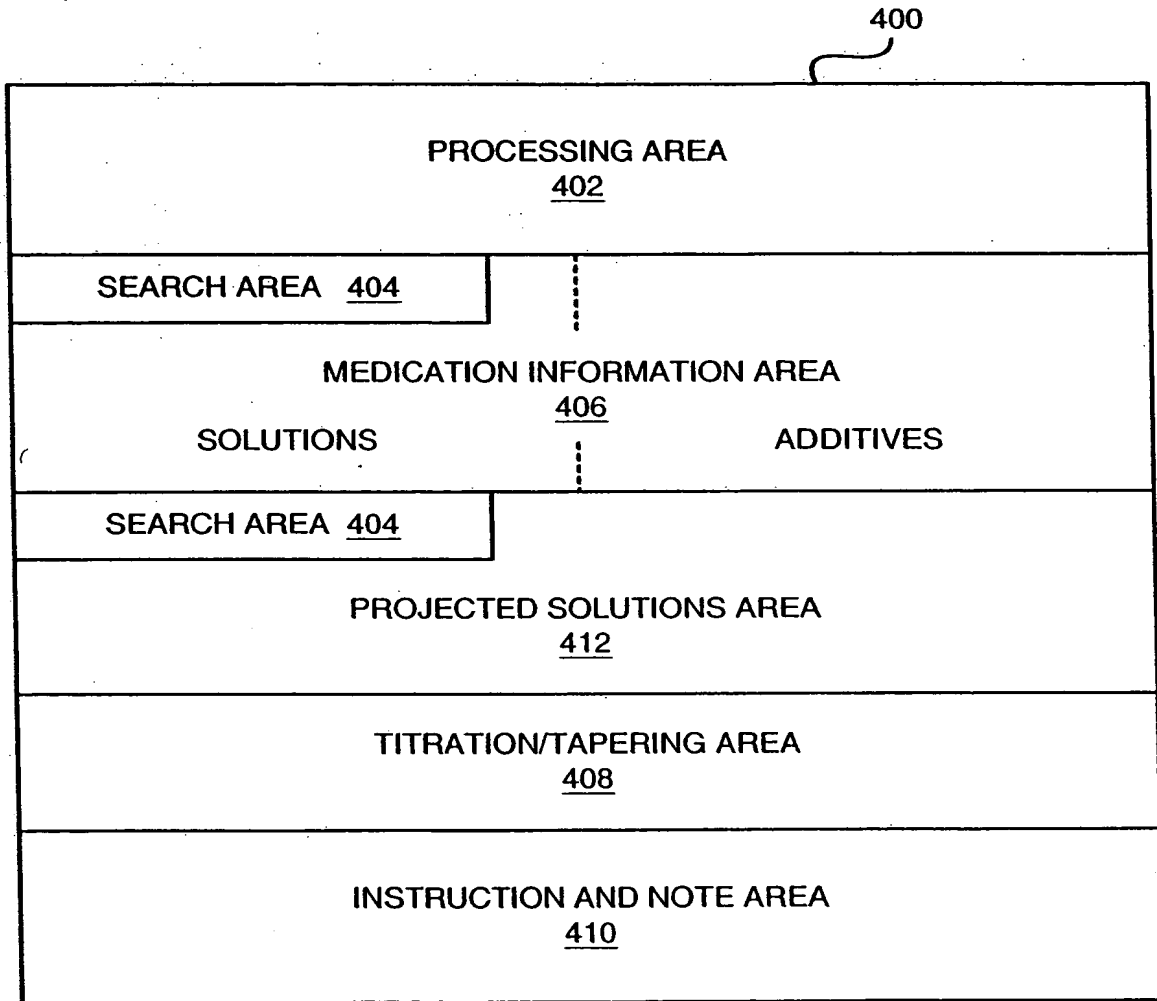


FIG. 6

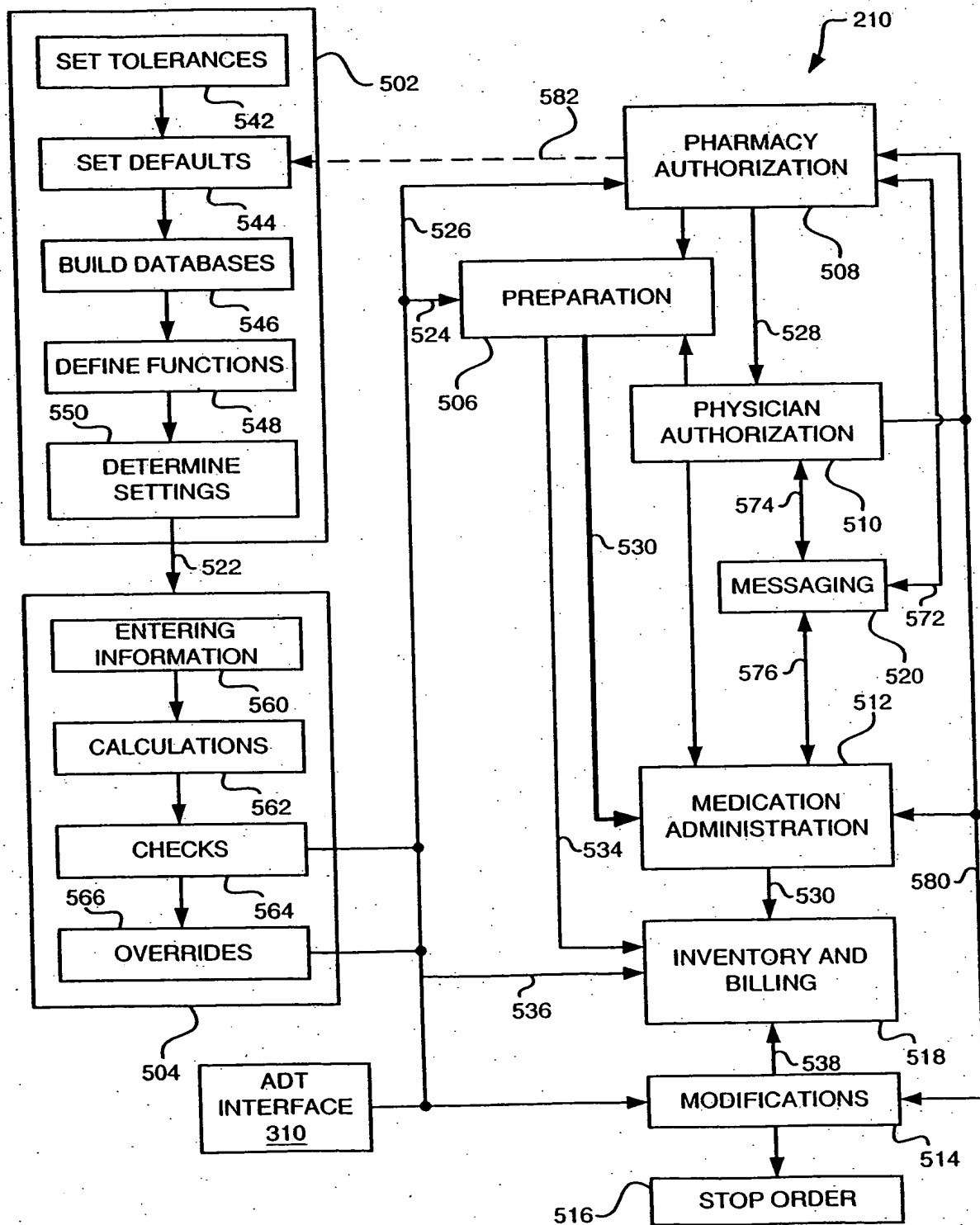


FIG. 7

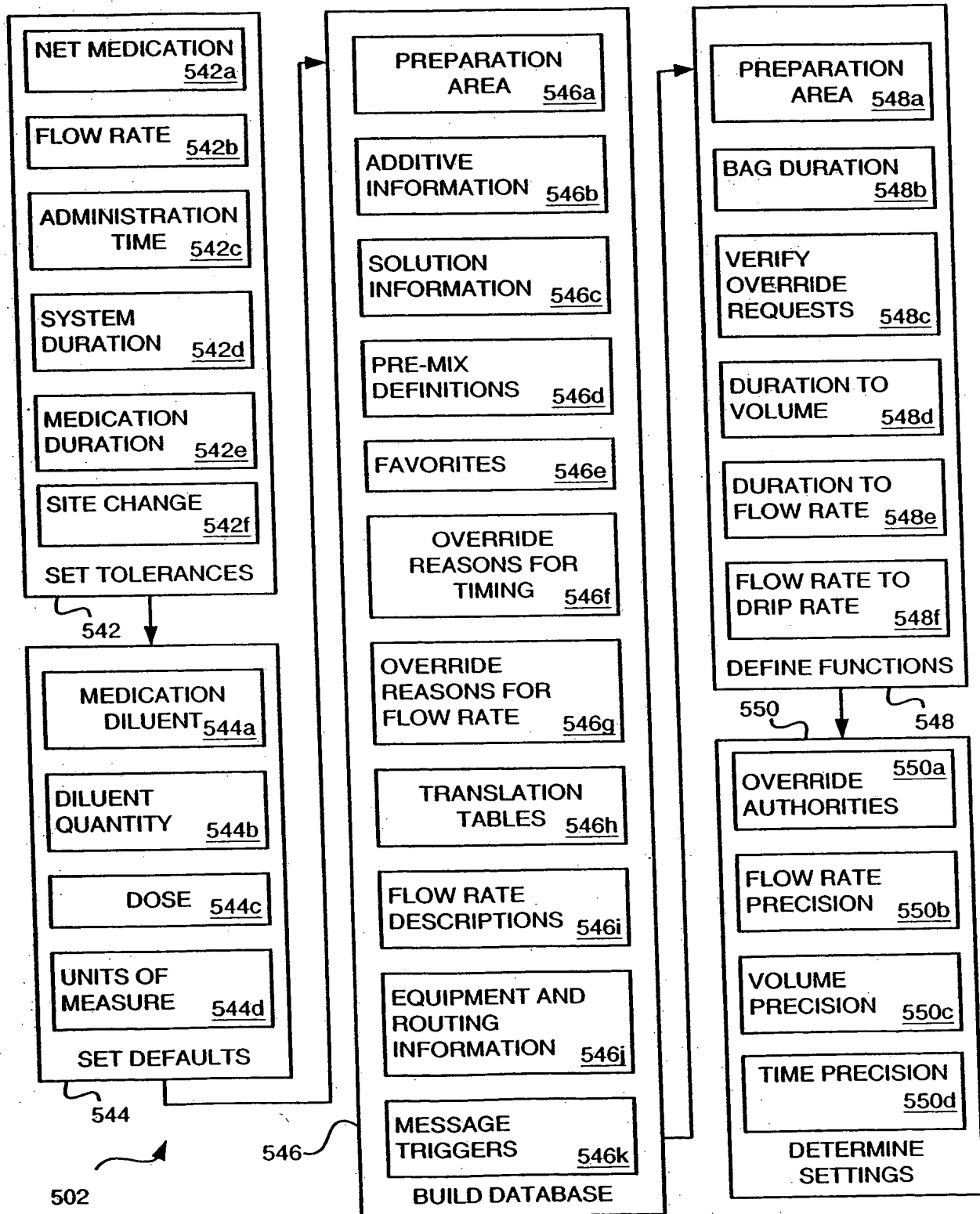


FIG. 8

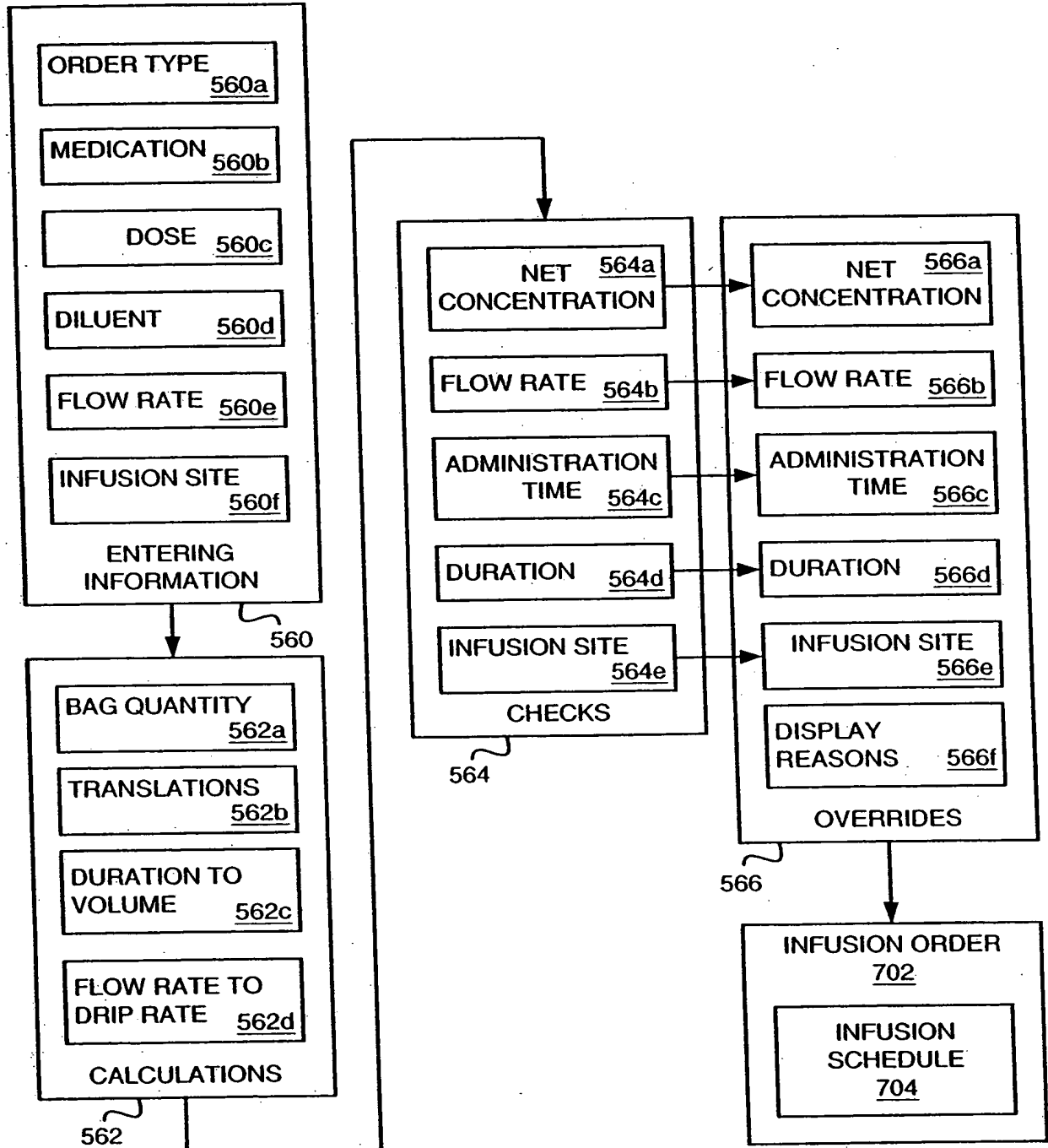


FIG. 9

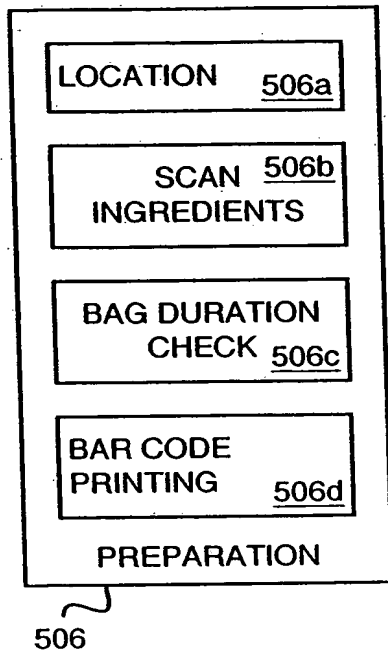
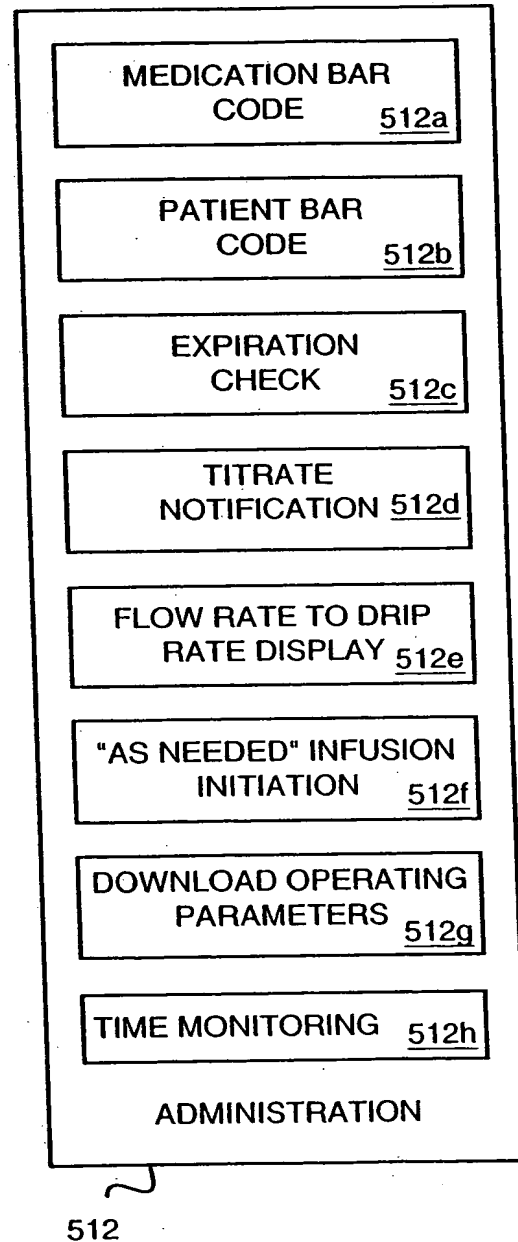


FIG. 10



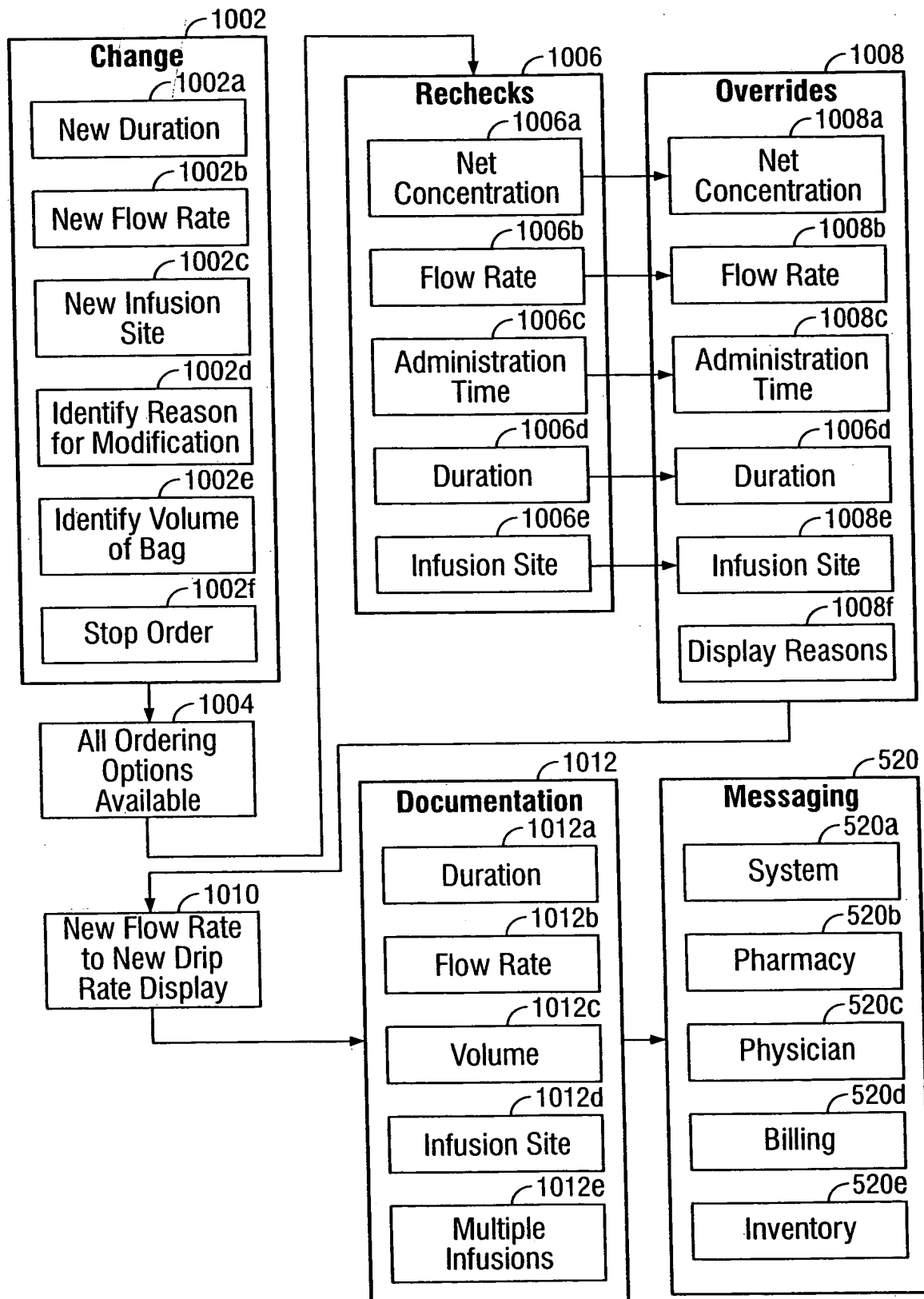


FIG. 11

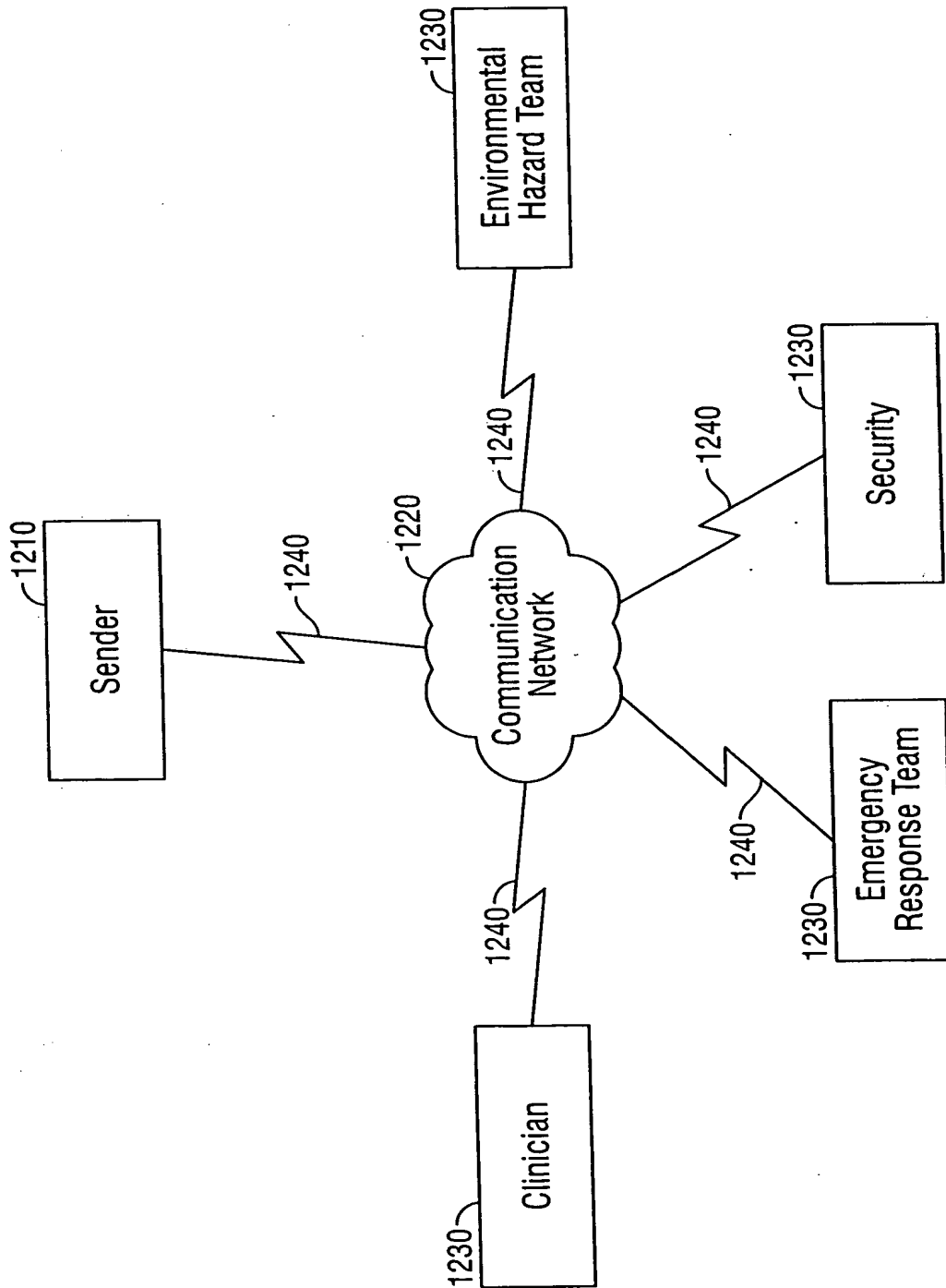


FIG. 12

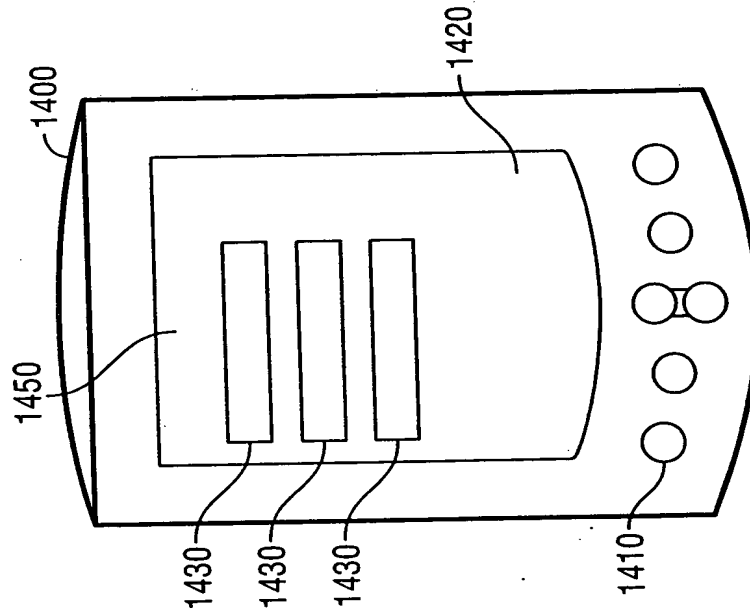


FIG. 14

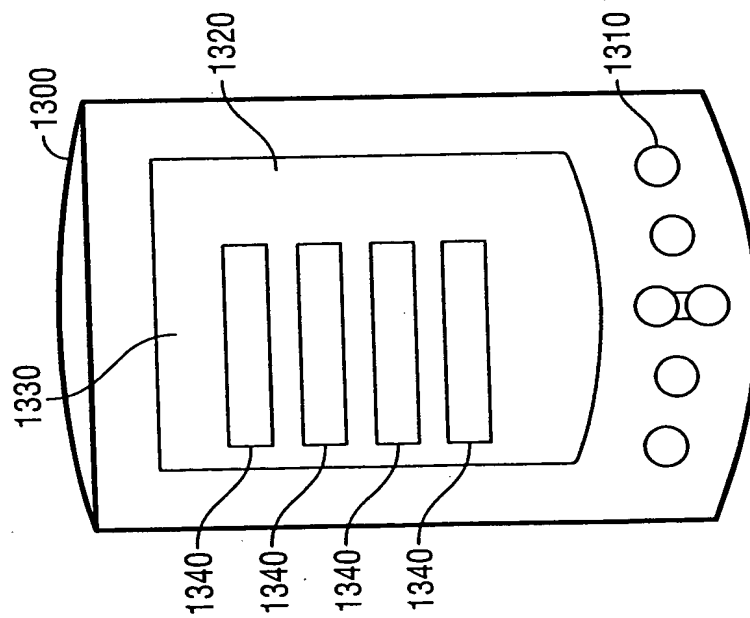
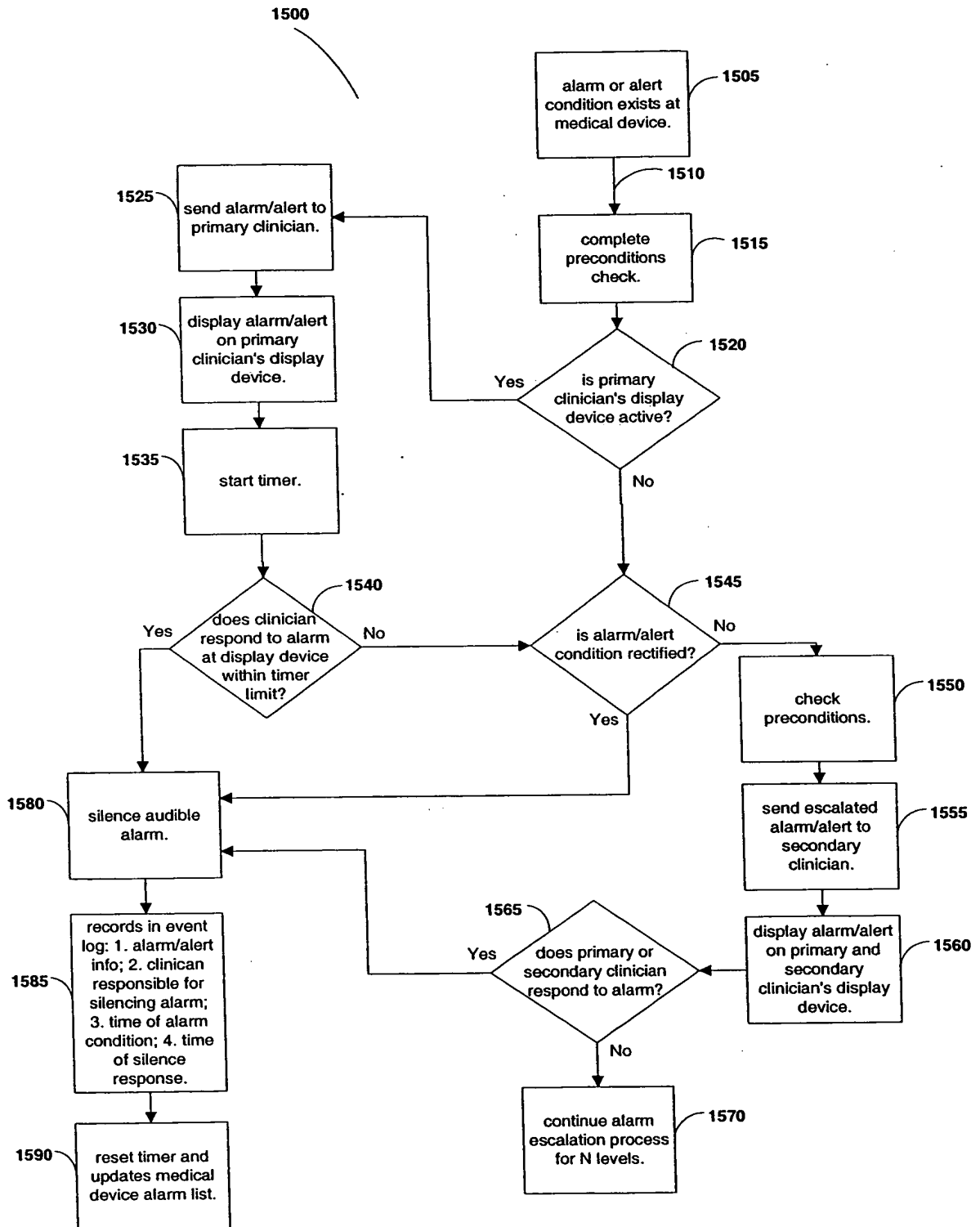


FIG. 13

FIG. 15



1662a

Nurse A, RN

Log Out

4872 Pump Alarms & Alerts

Rm - Bed		Patient
101 - B		Patient One
101 - C		Patient Two
101 - D		Patient Three

Refresh

Exit

FIG. 16A

1662b

Nurse A, RN

Log Out

Pump Alarms & Alerts

Rm - Bed		Patient
101 - B		Patient One
101 - C		Patient Two
101 - D		Patient Three
465 - A		Patient Four
321 - B		Patient Five
543 - B		Patient Six
135 - D		Patient Seven

Refresh

Exit

1676

FIG. 16B






	Nurse A, RN		
Pump Alarms & Alerts			
Rm - Bed	Patient		 Exit  Refresh
101 - B	Patient: One		
 #1: Alarm message here Ancef 1 g, In Dextrose, 5% 50 m			

FIG. 17

2005 →

Patient Care System

General Hospital

User Name:
Nurse A *

Password:
***** *

Login failed.
Check User Name or Password.

Login

FIG. 20

1903 →

Patient Care System

General Hospital

User Name:
Nurse A

Password:

Login

FIG. 19

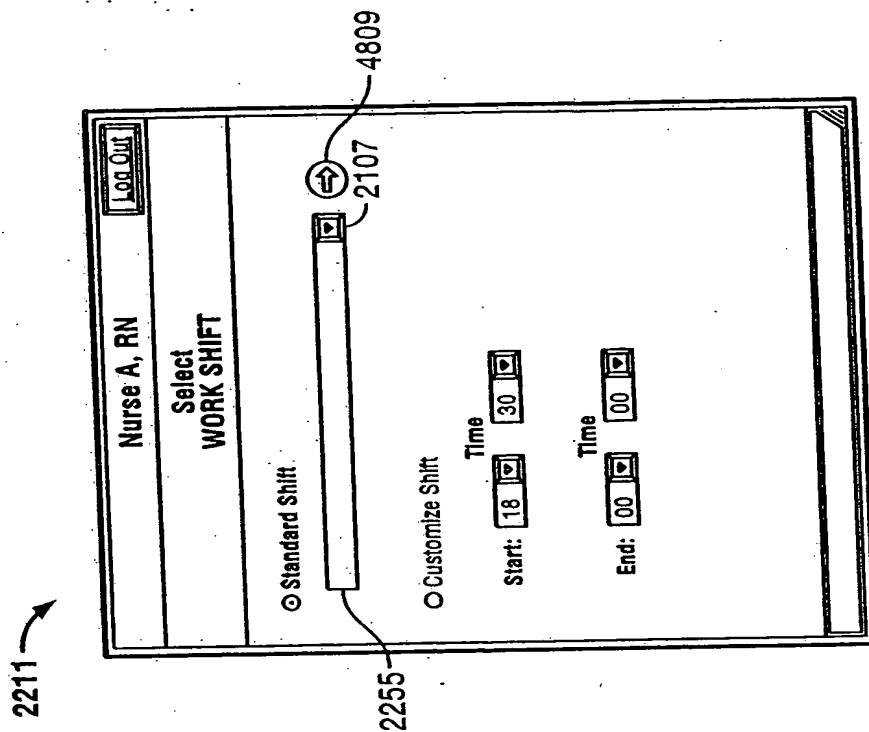


FIG. 22

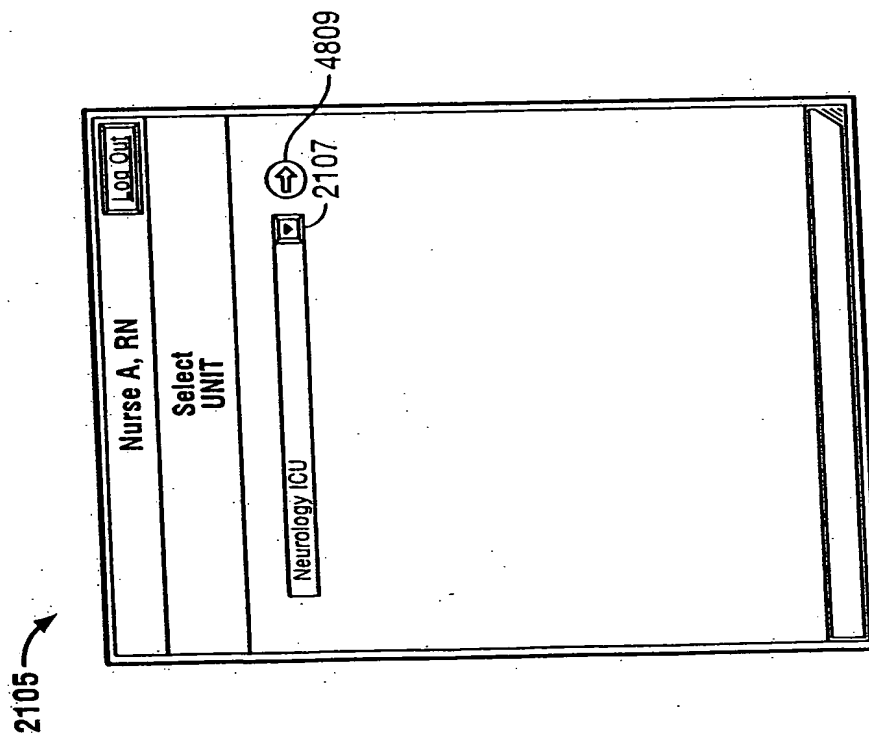


FIG. 21

2417

Nurse A, RN

Log Out

My Patients

My Tasks

Scan Patient:

Rm - Bed	Patient
101 - B	Patient_One
101 - C	Patient_Two
101 - D	Patient_Three

Add patient for:

Entire shift

Find More Patients

FIG. 24

2313

Nurse A, RN

Log Out

My Patients

My Tasks

Scan Patient:

Rm - Bed	Patient
101 - B	Patient_One
101 - C	Patient_Two
101 - D	Patient_Three

Add More Patients

2315

FIG. 23

2521a

		Ninety-Three, James RN	
Ninety Nine, Douglas, Mr. (MDLOC1)			
MDUnit1: MDRoom1 - MDBed1			
Dr. Ninety, Susan			
<u>Mini-Chart: Allergies</u>			
<u>Allergies & Hx/Wt</u>		<u>Med Hx</u>	
<u>Lab Results</u>			
<u>Drug Allergy</u>		<u>Acetaminophen</u>	
<u>General Allergy</u>			
<u>Date Observed</u>	<u>Height</u>	<u>Weight</u>	
8-22 14:16	183.00 cm	85.00 Kg	
	72.05 in.	187.39 Lbs	

FIG. 25A

2521

		Nurse A, RN	
Patient, One - 101-B			
<u>Mini-Chart: Allergies (NKA)</u>			
<u>Administer Meds/Infusions</u>			
<u>STOP Infusion</u>			
<u>RESUME Infusion</u>			
<u>Titrate Infusion</u>			
<u>Flow Rate History</u>			
<u>Pump Status</u>			
<u>Remove Patient from Shift</u>			

FIG. 25

2521C

Lab Test	Result	Range	H/I	Date
POTASSIUM	3.1	3.6-5 mmol/L	Normal	5/16/2003 9:00:00 AM

FIG. 25C

2521b

☒ All ☐ Scheduled ☐ PRN ☐

Look Back Period: 24 hours

Acetaminophen Cap 500 MG
 500 MG = 1 CAP
 Oral
 TID
 Admin Date: 6-3 12:53
 Patient Refused

FIG. 25B

2627

Nurse A, RN

Log Out

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

MA-Continuous Infusion
Dextrose 5% W/Sodium Chloride 0.45%
200 ML
Route : Intravenous
Flow Rate : 50 ML/H
Estimated Admin. Period : 4 Hours

Warning : Wear Gloves
Show Edubyte info here

RX not previously administered
Start Time : 6-2 14:54
End Time: 7-7 14:54

FIG. 26A

2623

Nurse A, RN

Log Out

Patient, One - 101-B

Mini-Chart: Allergies (NKA)

<- 10:19 - 12:19 ->

SCHED 13

	Time	Med	Last
<input checked="" type="checkbox"/>	11:30	MORPHINE SULFATE Continuous Infusion	12-9 2:00
<input type="checkbox"/>	13:30	Continuous Infusion (De SI	2625
<input type="checkbox"/>	15:30	Continuous Infusion (De SI	
<input type="checkbox"/>	17:30	Continuous Infusion (De SI	

FIG. 26

2727b

FIG. 27B is a screenshot of a medical device authentication screen. At the top, it displays the user 'Ninety-Three, James RN' and a 'Log Out' button. Below this, the screen shows 'WORKFLOW INFUSION: STOP' and patient information 'Ninety-Six, Samuel, Mr. MDRoom1-MDBed1'. A section titled 'Mini-Chart: Allergies' lists 'Continuous Infusion Dextrose Inj 20% 500 ML'. The infusion parameters are 'Route: Intravenous Flow Rate: 125 ML/H' and 'Estimated Administration Period: 4 Hours'. A prompt 'Please select a reason for Stop' is followed by a dropdown menu showing 'Discontinue order in system'. The 'Stop Time [M/D/Y HH:MM]' is set to '06/18/2003 15:23'. At the bottom, there are 'Cancel' and 'Back to Patient list' buttons.

FIG. 27B

2727a

FIG. 27A is a screenshot of a medical device authentication screen. At the top, it displays the user 'Ninety-Three, James RN' and a 'Log Out' button. Below this, the screen shows 'WORKFLOW INFUSION: STOP' and patient information 'Ninety-Six, Samuel, Mr. MDRoom1-MDBed1'. A section titled 'Mini-Chart: Allergies' lists 'Continuous Infusion Dextrose Inj 20% 500 ML'. The infusion parameters are 'Route: Intravenous Flow Rate: 125 ML/H' and 'Estimated Administration Period: 4 Hours'. The status 'Order has been DC'd' is displayed. A 'Scan Item:' field with a magnifying glass icon is present. At the bottom, there is a 'Back to Patient list' button.

FIG. 27A

2727d

Ninety-Three, James RN

WORKFLOW INFUSION: RESUME
 Ninetyfour-Pointfive, Fred, Mr.
 MDRoom1 - MDBed1
Mini-Chart: Allergies (Not Specified)

Continuous Infusion
 Dextrose Inj 20%
 500 ML
 Route: Intravenous Flow Rate:
 125 ML/H
 Estimated Administration Period:
 4 Hours

Stopped w/o Order
 Please select a reason for Resume
 Infusion

4809

FIG. 27D

2727C

Ninety-Three, James RN

WORKFLOW INFUSION: RESUME
 Ninetyfour-Pointfive, Fred, Mr.
 MDRoom1 - MDBed1
Mini-Chart: Allergies (Not Specified)

Scan Item:

Continuous Infusion
 Dextrose Inj 20%
 500 ML
 Route: Intravenous Flow Rate: 125
 ML/H
 Estimated Administration Period: 4
 Hours

Stopped w/o Order

FIG. 27C

2941

Nurse A, RN

Log Out

Patient, One - 101-B

Mini-Chart : Allergies (NKA)

☒ Missed Medication

Please select a reason for LATE:

☐ Adjust schedule for :

MORPHINE SULFATE
 Continuous Infusion
 60 MG = 30 ML
 Route: Injection
 Flow Rate: 30 ML/H
 Estimated Admin. Period: 1 Hour

4837

2943

2945

FIG. 29

2835

Nurse A, RN

Log Out

Patient, One - 101-B

Mini-Chart : Allergies (NKA)

< 10:19 - 12:19 >

☒ SCHED 13

Time	Med	Last
<input checked="" type="checkbox"/> 13:30	MORPHINE SULFATE Continuous Infusion	12-9 2:00
<input type="checkbox"/> 13:30	Continuous Infusion (De)	
<input type="checkbox"/> 15:30	Continuous Infusion (De)	
<input type="checkbox"/> 17:30	Continuous Infusion (De)	

4837

2839

FIG. 28

3135

3047

3045

4857

2839

Log Out

Nurse A, RN

Patient, One - 101-B

Mini-Chart : Allergies (NKA)

<- 10:19 - 12:19 ->

SCHED 13

	Time	Med	Last
<input type="checkbox"/>	13:30	MORPHINE SULFATE Continuous Infusion	12-9 2:00
<input type="checkbox"/>	13:30	Continuous Infusion (De SI	
<input type="checkbox"/>	15:30	Continuous Infusion (De SI	
<input type="checkbox"/>	17:30	Continuous Infusion (De SI	

FIG. 31

3047

3045

Log Out

Nurse A, RN

Patient, One - 101-B

Mini-Chart : Allergies (NKA)

Missed Medication

Please select a reason for LATE

Patient unavailable at sched. time

Not Required

Cycle Count

Insufficient Stock

Re-open drawer

Maintain Admin Test

Already have item

Item Unavailable

Refused

FIG. 30

3351

3353

3355

Log Out

Nurse A, RN

Patient, One - 101-B

Mini-Chart : Allergies (NKA)

Scan Depot:

Search Items

Item	Depot	Unit	Qty
Morphine Sulfate Inj	In other	units	
2 MG/ML OA	In other	units	
Morphine Sulfate Inj	In other	units	
2 MG/ML OA	In other	units	

Skip Scan Depot

FIG. 33

3235

3249

Log Out

Nurse A, RN

SCHED 13

Time	Med	Last
11:30	MORPHINE SULFATE Continuous Infusion	12/9 2:00
13:30	Continuous Infusion (De SI	
15:30	Continuous Infusion (De SI	
17:30	Continuous Infusion (De SI	

Get Items

FIG. 32

3569

The interface displays the following information:

- Top Bar:** "Nurse A, RN" and a "Log Out" button.
- Patient Info:** "Patient, One - 101-B" and "Mini-Chart : Allergies (NKA)".
- Search Section:** A "Scan Depot:" label with an upward arrow icon, a text input field, and the message "Scan code is invalid."
- Search Items Table:**

Item	DepotUnit	Qty
Morphine Sulfate Inj	In other	
2 MG/ML OA	units	
Morphine Sulfate Inj	In other	
2 MG/ML OA	units	
- Buttons:** "Skip Scan Depot" and "Log Out".

FIG. 35

3465

The interface displays the following information:

- Top Bar:** "Nurse A, RN" and a "Log Out" button.
- Patient Info:** "Patient, One - 101-B" and "Mini-Chart : Allergies (NKA)".
- Medication Section:** A "Scan Item:" label with an upward arrow icon, a text input field, and a list of medication details:
 - MORPHINE SULFATE
 - Continuous Infusion
 - 60 MG = 30 ML
 - Route: Injection
 - Flow Rate: 30 ML/H
 - Estimated Admin. Period: 1 Hour
- Quantity Input:** "Quantity: 30 ML(s)" with a "Get: 30 ML" label.
- Warnings:** "Warning: Wear Gloves" and "Show Edubyte Info here".
- Buttons:** "Log Out".

FIG. 34

3467

3771

Nurse C, RN
 Patient, Three, Mr. 100-C
 Mini-Chart : Allergies
 Verify Route, Line & Site

Rx Sodium Chloride 0.9%
 Continuous Infusion
 Rx Sodium Chloride 0.9%
 1000 ML
 Route: Intravenous Flow Rate: 50 ML/H
 Estimated Administration Period: 20 Hours

Please hang the bag,
 program the pump
 and record the following information
 but DO NOT start the pump channel until instructed:

Route: Intramuscular

Line: Central

Site: Right Forearm

Compare Route

3778

4817

FIG. 37

3657

Nurse A, RN
 Patient, One - 101-B
 Mini-Chart : Allergies (NKA)

Scan Patient:

If Cannot admin, select a reason:

Not Req Due to Monitoring Result
 Patient Unavailable
 Refused

Waste/Return

3659

3661

3663

FIG. 36

3885

		Nurse C, RN	
Patient, Three, Mr. 100-C			
Mini-Chart : Allergies			
Scan Pump Channel			
Rx Sodium Chloride 0.9% Continuous Infusion Rx Sodium Chloride 0.9% 1000 ML Route: Intravenous Flow Rate: 50 ML/H Estimated Administration Period: 20 Hours			
Scan Pump Channel		*****	4809

FIG. 38A

3881

		Nurse C, RN	
Patient, Three, Mr. 100-C			
Mini-Chart : Allergies			
Select Pump Channel Mode			
Rx Sodium Chloride 0.9% Continuous Infusion Rx Sodium Chloride 0.9% 1000 ML Route: Intravenous Flow Rate: 50 ML/H Estimated Administration Period: 20 Hours			
Select Pump Channel Mode:			
Primary		3884	
Playback		3883	

FIG. 38

3987

3987

Log Out

Nurse A, RN

Patient, One
 Rm - Bed 101-B
 Dr. One (111)111-1111 ext. 1

Pharm & Pump Comparison

Ancef 1 g, in Dextrose, 5% 50 mL
 run at 100 mL/hr

Pharm Label	Pump Settings
Rate	100 mL/hr

Comparison MATCHES.
 Press "Start" Key on pump.

OK

FIG. 39A

3986

3986

Log Out

Nurse C, RN

Patient, Three, Mr.
 1 West: 100-C
 MD1, Test

Pharm & Pump Comparison

Continuous Infusion Rx Sodium Chloride 0.9% 1000 ML Route:
 Intravenous Flow Rate: 60 mL/hr Estimated Administration
 Period: 20 Hours

Program the Pump Channel and:

- > If this is a PRIMARY -
 Click COMPARE below Now and
 wait until instructed to start pump channel.
- > If this is a PIGGYBACK --
 Press the "start" key on the
 pump Now, then Click COMPARE
 In Piggyback Infusion, ensure PRIMARY is placed LOWER THAN
 than PIGGYBACK and that PIGGYBACK roller clamp is OPEN.

Compare 4817

FIG. 39

4187 →

Nurse A, RN		Log Out
Patient, One Rm - Bed 101-B Dr. One (111)111-1111 ext. 1		
Pharm & Pump Comparison		
Ancel 1 g, in Dextrose, 5% 50 mL run at 100 mL/hr		
Pharm Label	?	Pump Settings
Rate	100 mL/hr	? mL/hr
Cannot Compare. Press "Rate" key and COMPARE.		
		COMPARE 4817

FIG. 41

4087 →

Nurse A, RN		Log Out
Patient, One Rm - Bed 101-B Dr. One (111)111-1111 ext. 1		
Pharm & Pump Comparison		
Ancel 1 g, in Dextrose, 5% 50 mL run at 100 mL/hr		
Pharm Label	≠	Pump Settings
Rate	100 mL/hr	50 mL/hr
Please Verify with PHYSICIAN Order. Then to accept the mismatch, press "Start" key on pump and then click "OK" below. You can also reprogram the pump and then click "Compare again."		
OK	Compare again 4817	

4825

FIG. 40





























	Nurse A, RN																																																																											
---	--------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

FIG. 42

4501

Nurse A, RN Log Out

Communication Loss Alert
for the following Patients

Rm - Bed	Patient
101 - B	Patient One <input checked="" type="checkbox"/>
101 - C	Patient Two <input checked="" type="checkbox"/>
101 - D	Patient Three <input checked="" type="checkbox"/>

Trouble Shooting Tips:
 If a Yellow light is flashing on the WIRELESS MODULE and it is beeping, the system may be down. Call IT or Biomed.
 - OR -
 Plug in and turn on all pumps. If that does not resolve the problem, Call IT or Biomed.

Refresh Exit

FIG. 45A

4493

Nurse A, RN Log Out

Patient, One
 Rm - Bed 101-B
 Dr. One (111)111-1111ext. 1

Flow Rate History

△ Ancef 1 g, In Dextrose, 5% 50 mL run at 100 mL/hr	60 mL/h @ 10:55 AM 3/13
	70 mL/h @ 10:55 AM 3/13
	80 mL/h @ 10:54 AM 3/13

Refresh Exit

FIG. 44

4603

Nurse A, RN

Low Battery Alert
for the following Patients

Rm - Bed	Patient
101 - B	Patient One

Less than 30 minutes of battery left
in WIRELESS MODULE.

Plug WIRELESS MODULE into power
outlet.

FIG. 46

4501

Nurse A, RN

Communication Loss Alert
for the following Patients

Rm - Bed	Patient
101 - D	Patient Three

Trouble Shooting Tips:
If a Yellow light is flashing on the
WIRELESS MODULE and it is beeping,
the system may be down. Call IT or
Blomed.
- OR -
Plug in and turn on all pumps,
If that does not resolve the problem,
Call IT or Blomed.

FIG. 45B

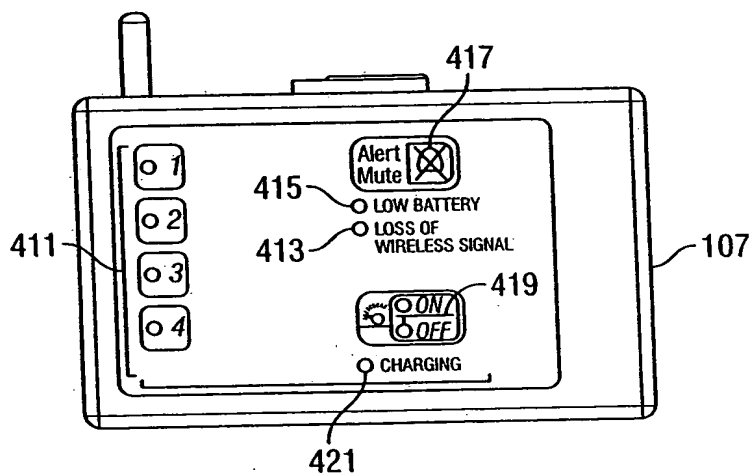


FIG. 47

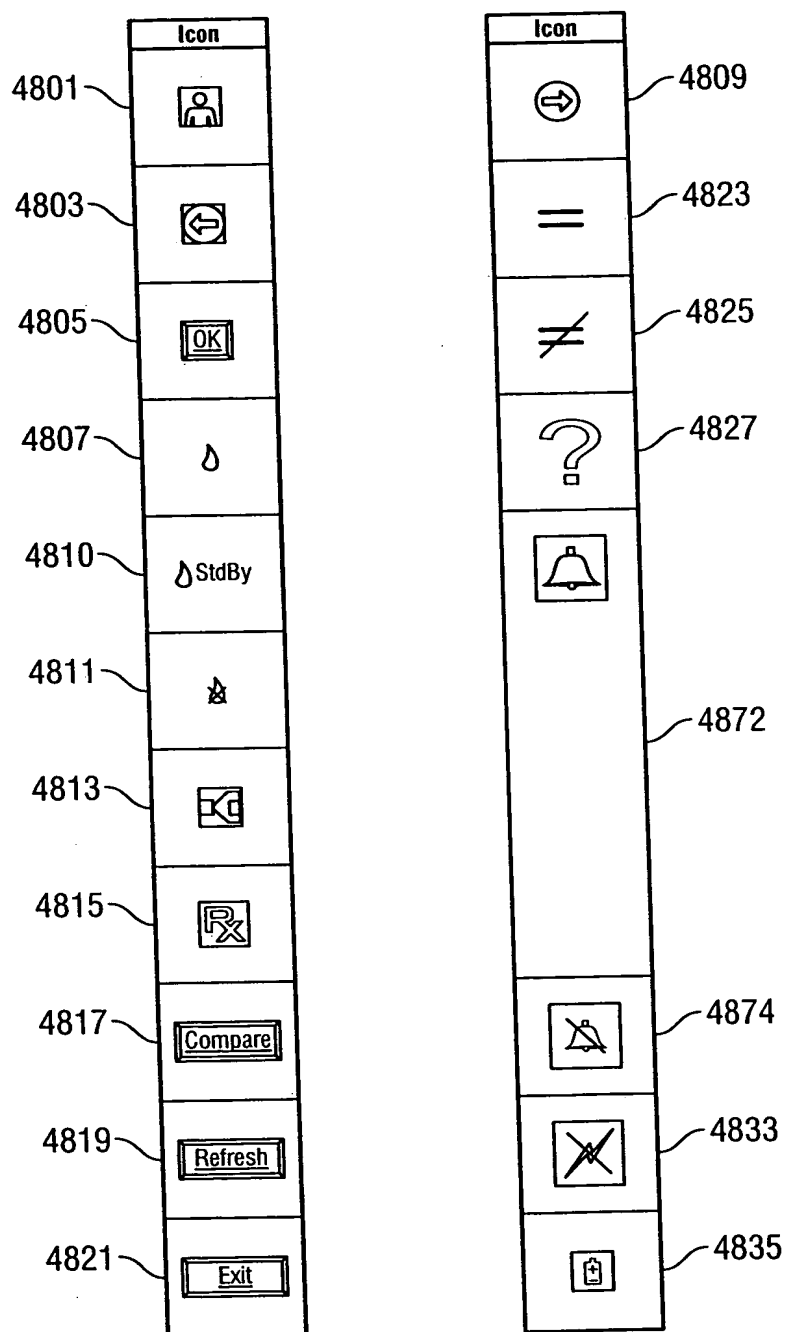


FIG. 48

5101 →

The screenshot displays a medical device interface with a header bar containing a back arrow, a patient icon, the name "Ninety-Three, James RN", and a "Log Out" button. Below the header, the patient's name "Eightytwo, Anthony, MDRoom1-MDDefaultBed" is shown. A section titled "Mini-Chart: Allergies" contains the text "ACETAMINOPHEN/CODEINE #4", "Acetaminophen w/ Codeine Tab", "300-60 MG 60 MG = 1 TAB Oral", and "QID". Below this, it says "Drawer 1, Bin 05". A prompt "Count before the removal of medication(first count)" is followed by "Qty on hand:" and a text input field labeled "TAB(s)". Below the input field is a "Count" button. At the bottom, there are two buttons: "Back to Patient List" and "Re-open drawer".

← **Ninety-Three, James RN** **Log Out**

Eightytwo, Anthony, MDRoom1-MDDefaultBed

Mini-Chart: Allergies

ACETAMINOPHEN/CODEINE #4
Acetaminophen w/ Codeine Tab
300-60 MG 60 MG = 1 TAB Oral
QID

Drawer 1, Bin 05

Count before the removal of
medication(first count)

Qty on hand:

TAB(s)

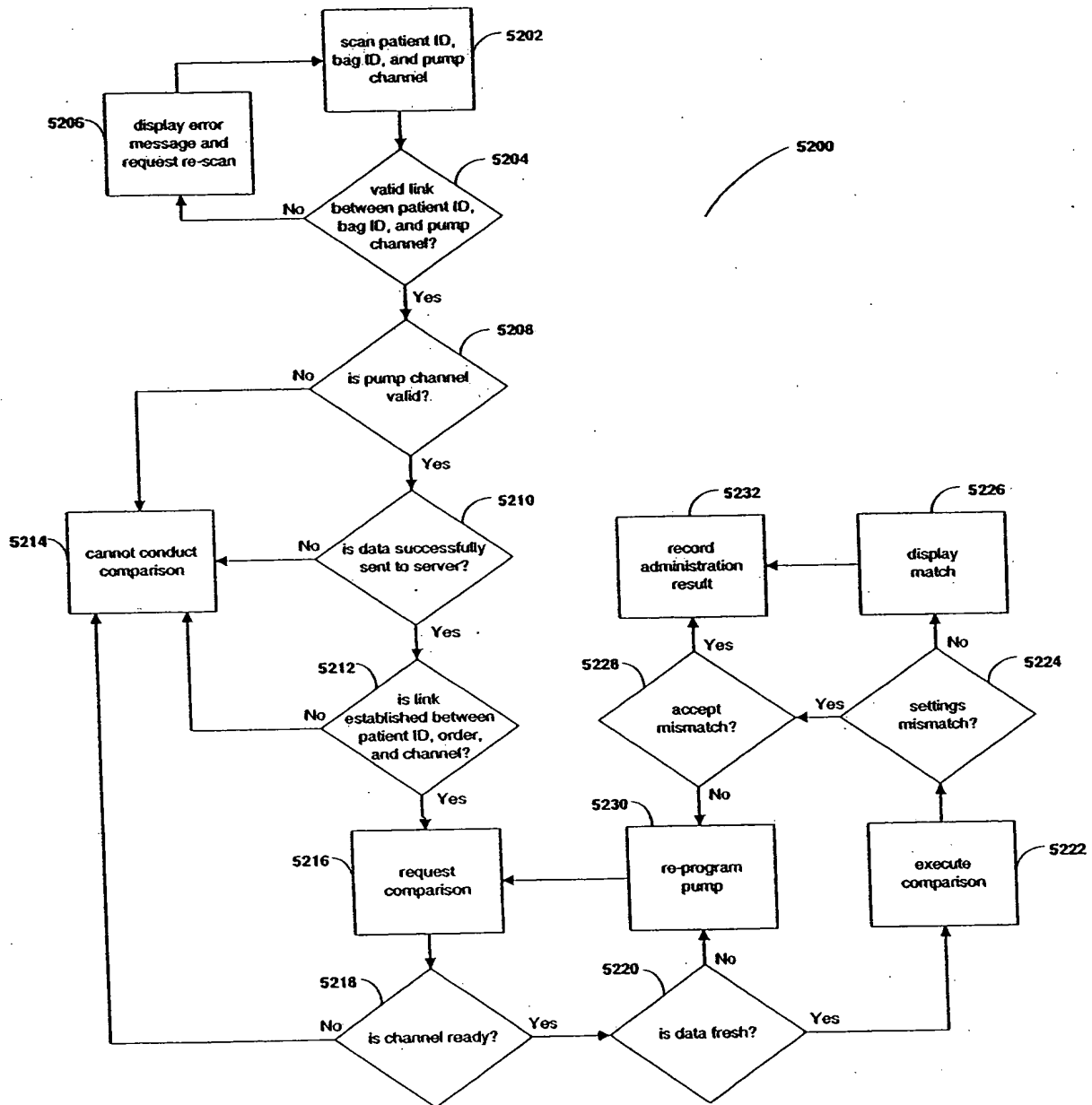
Count

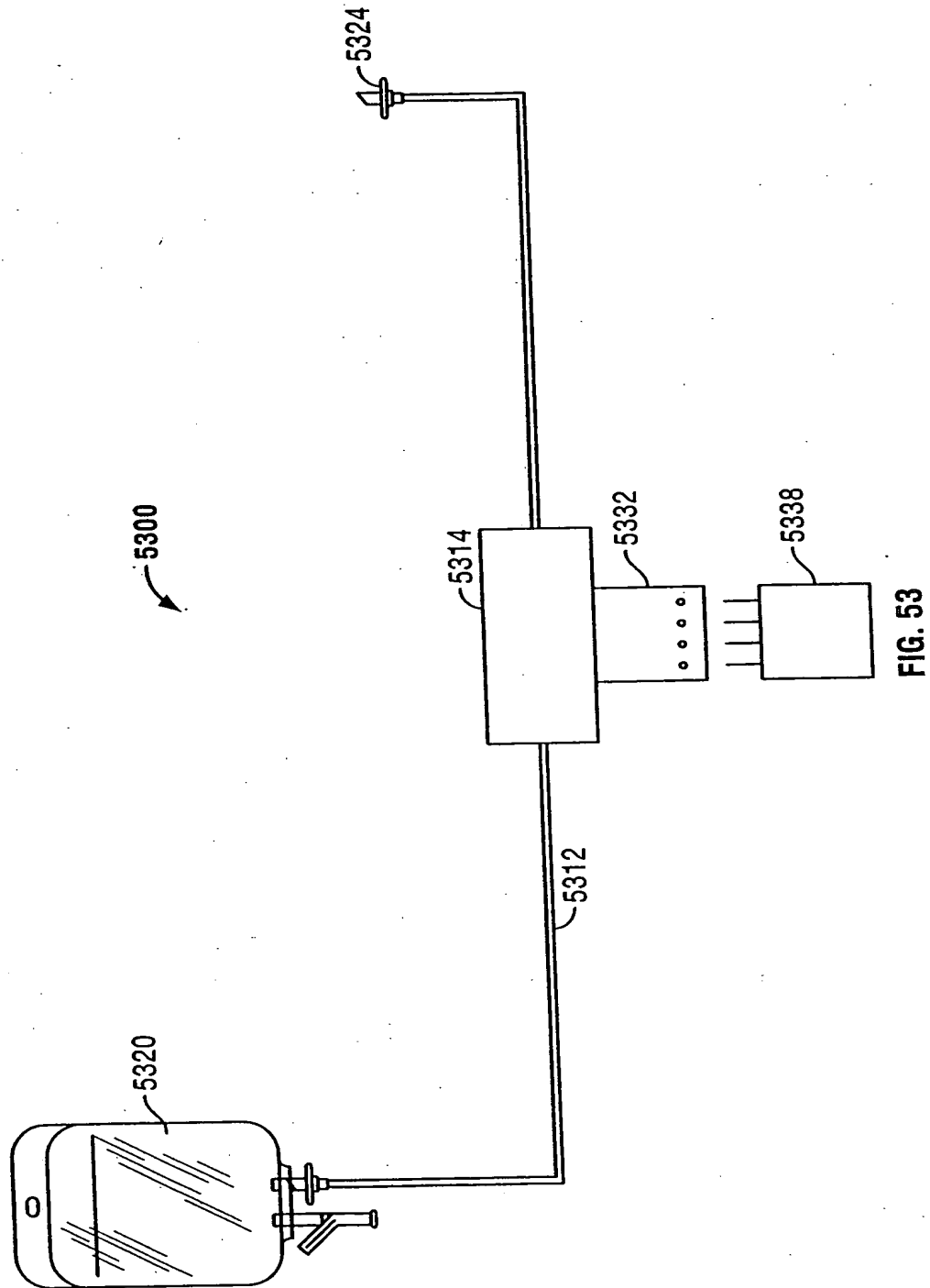
Back to Patient List

Re-open drawer

FIG. 51

FIG. 52





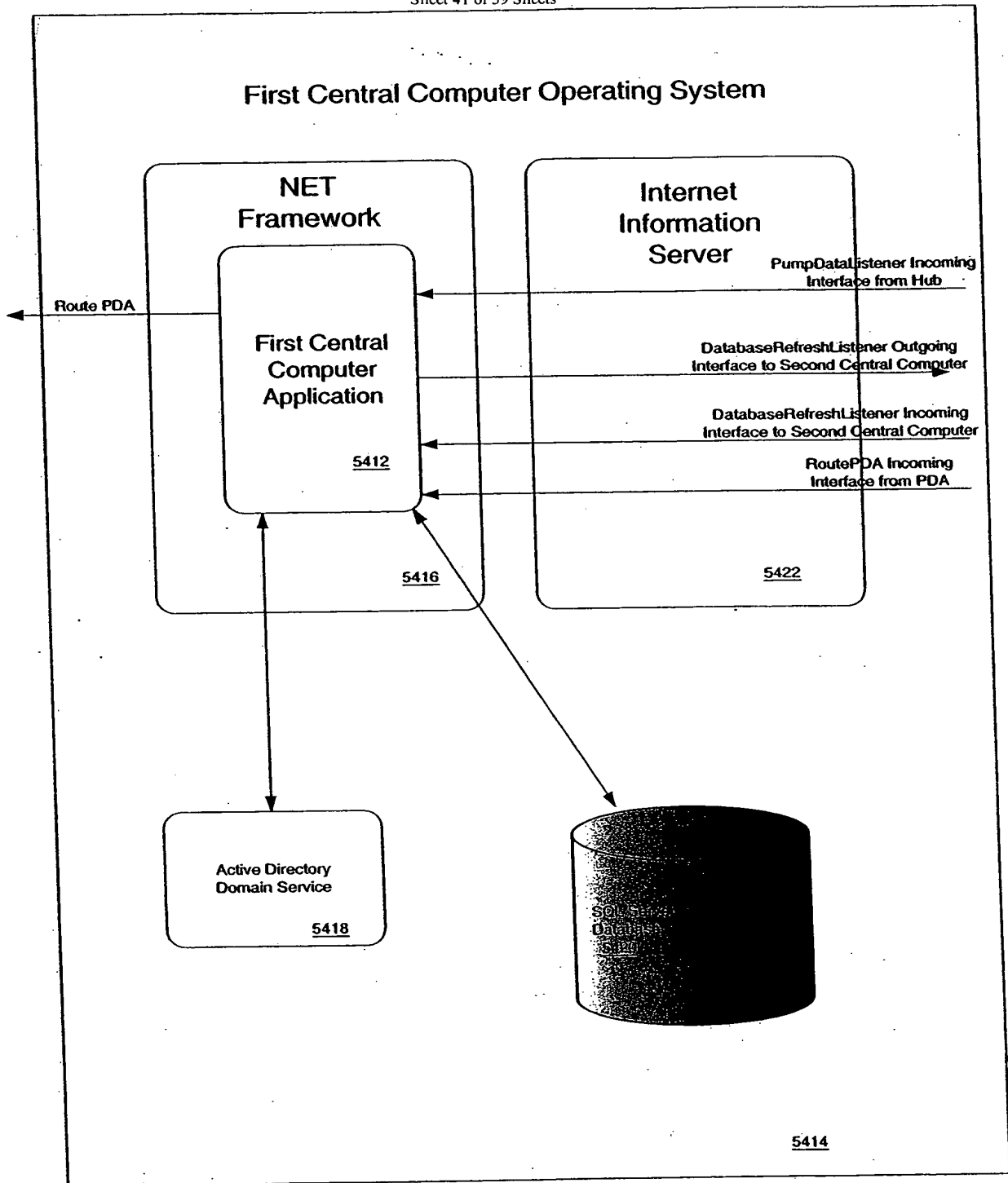


FIG. 54

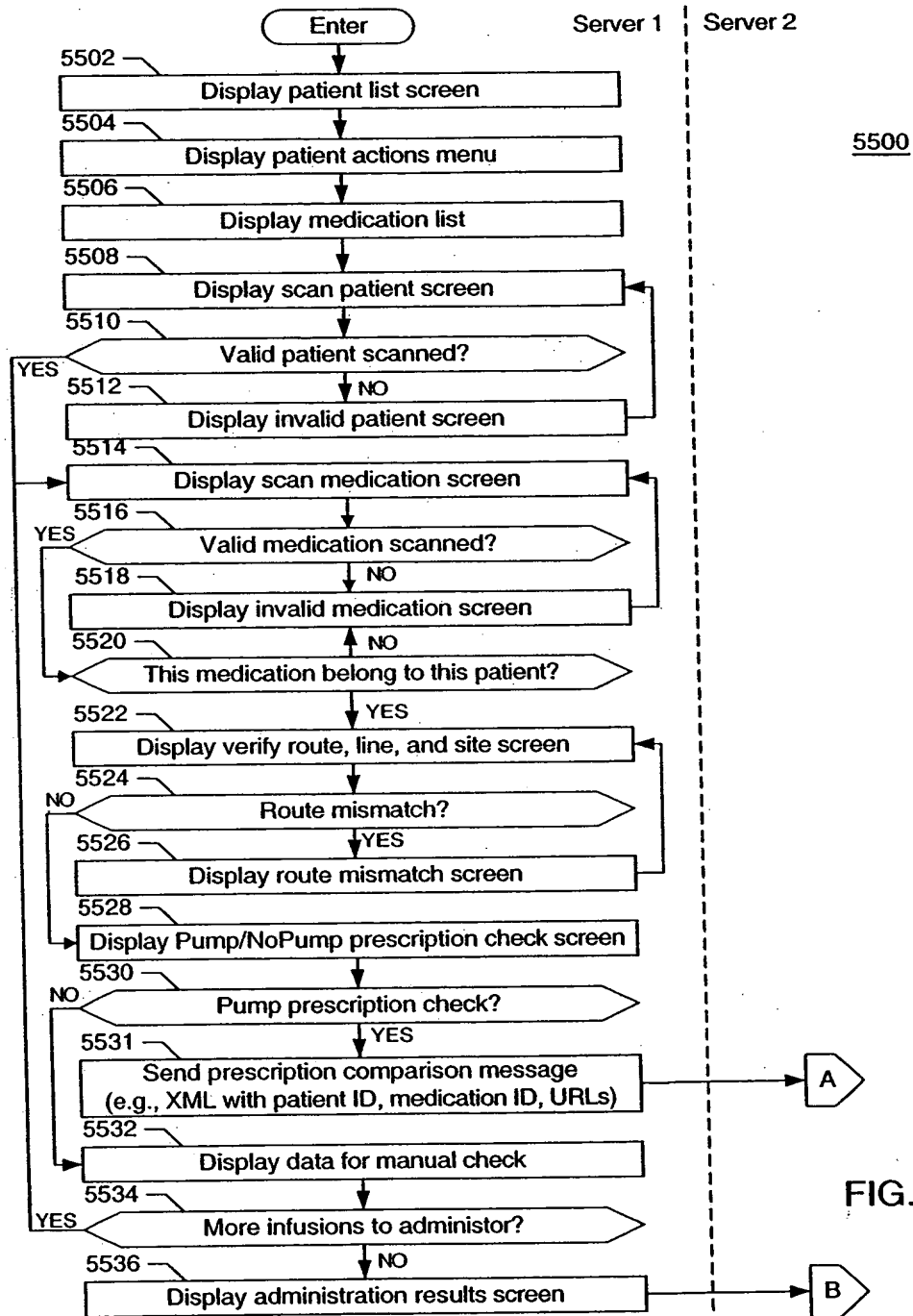


FIG. 55B

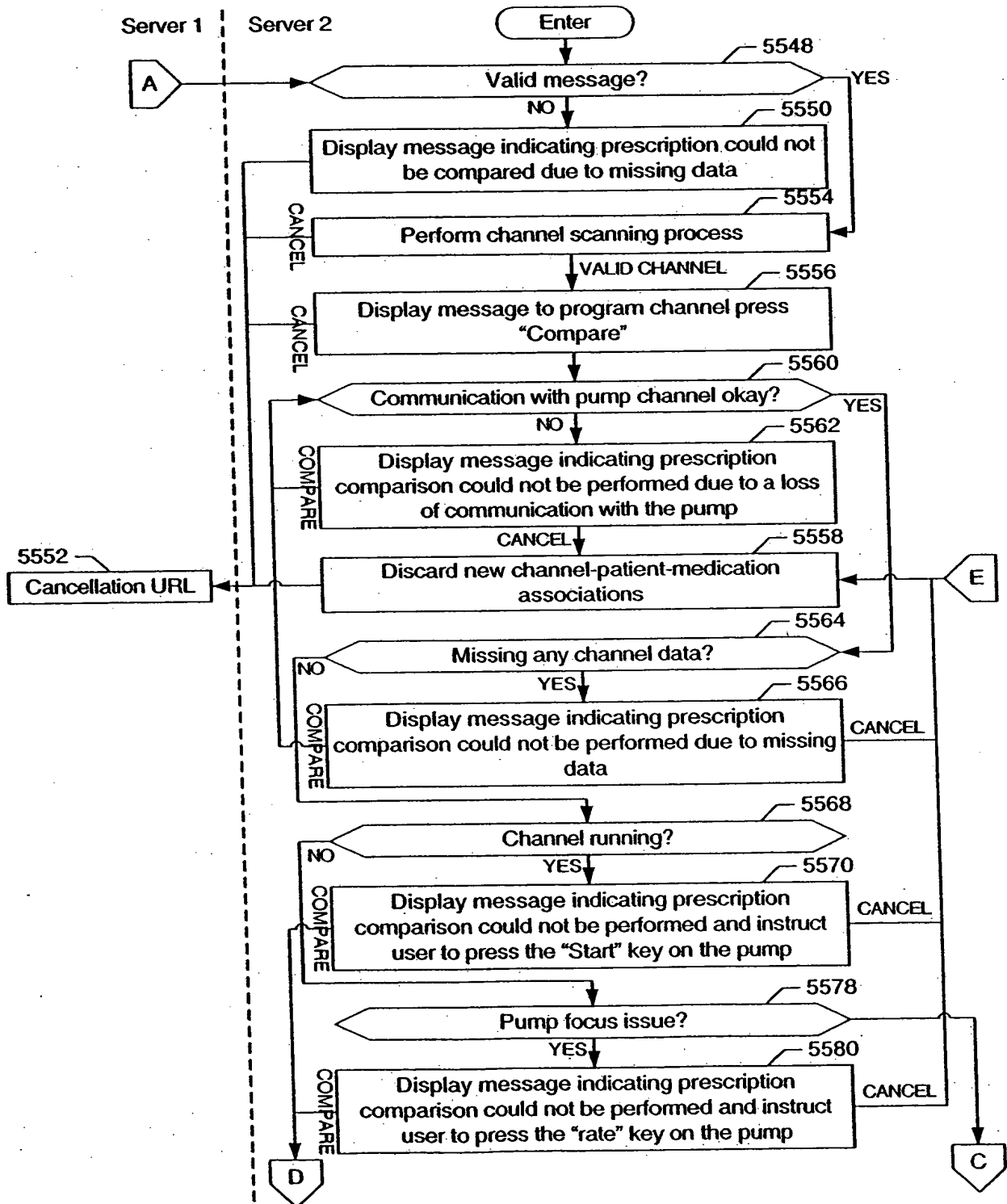
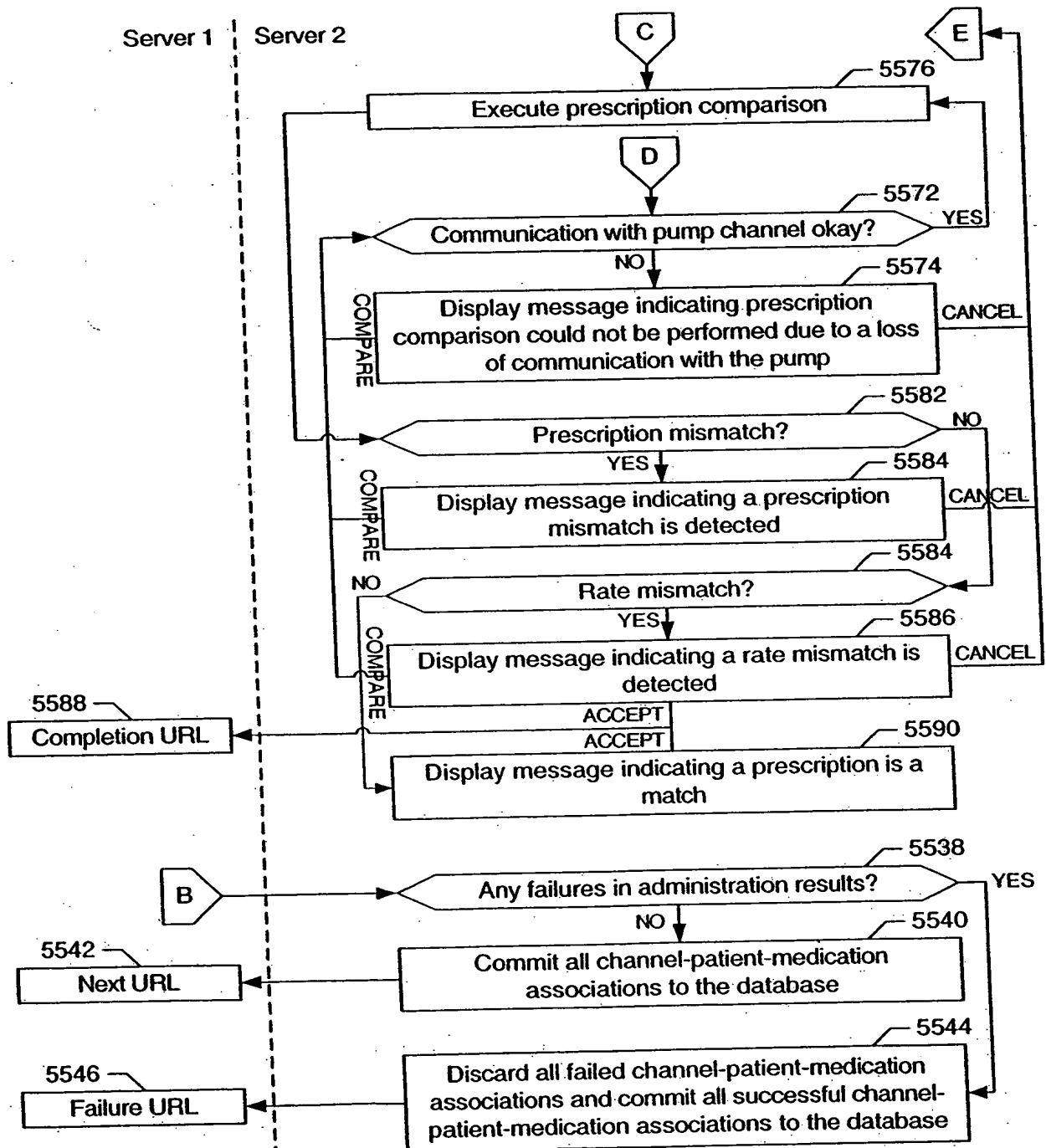


FIG. 55C



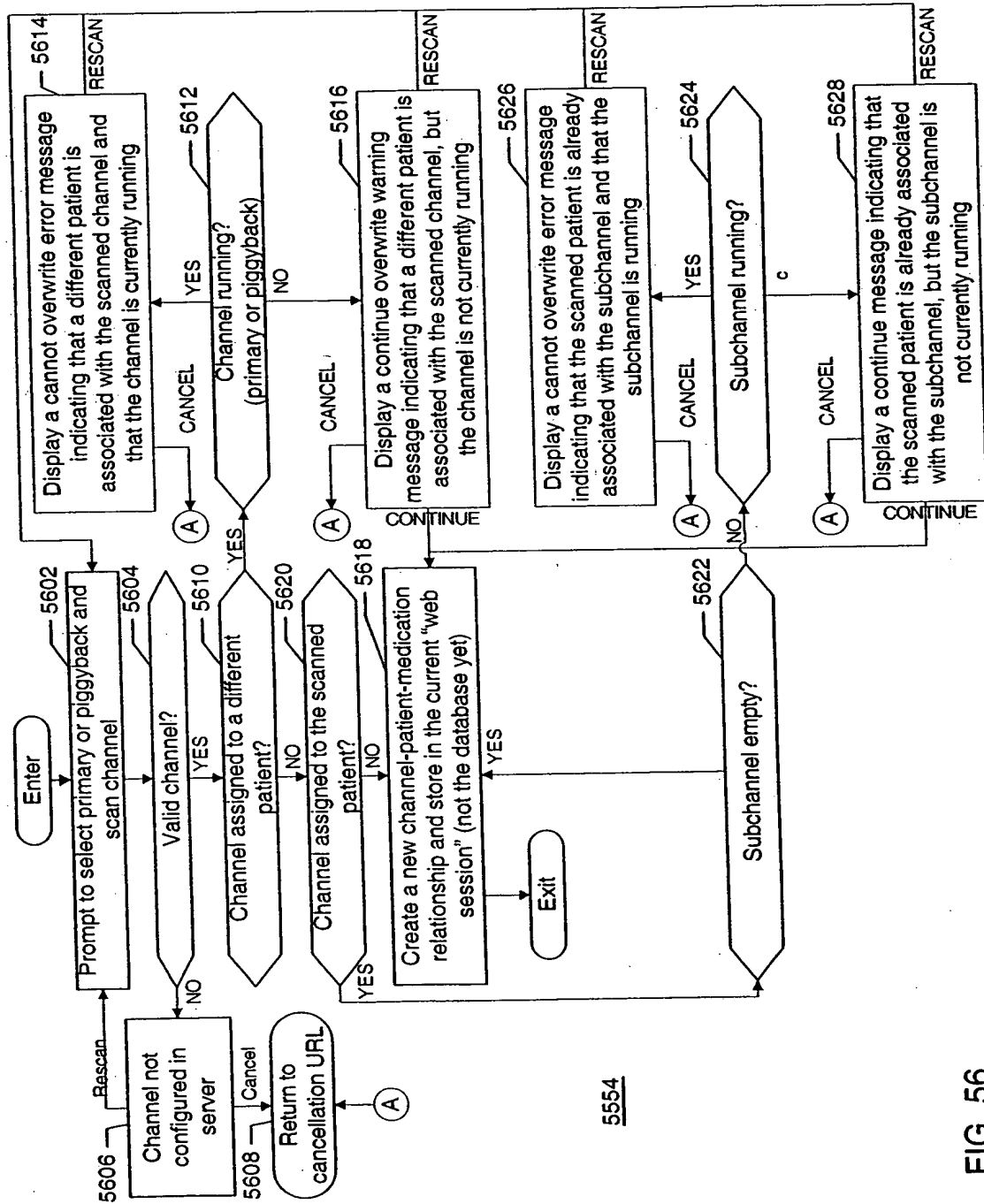


FIG. 56

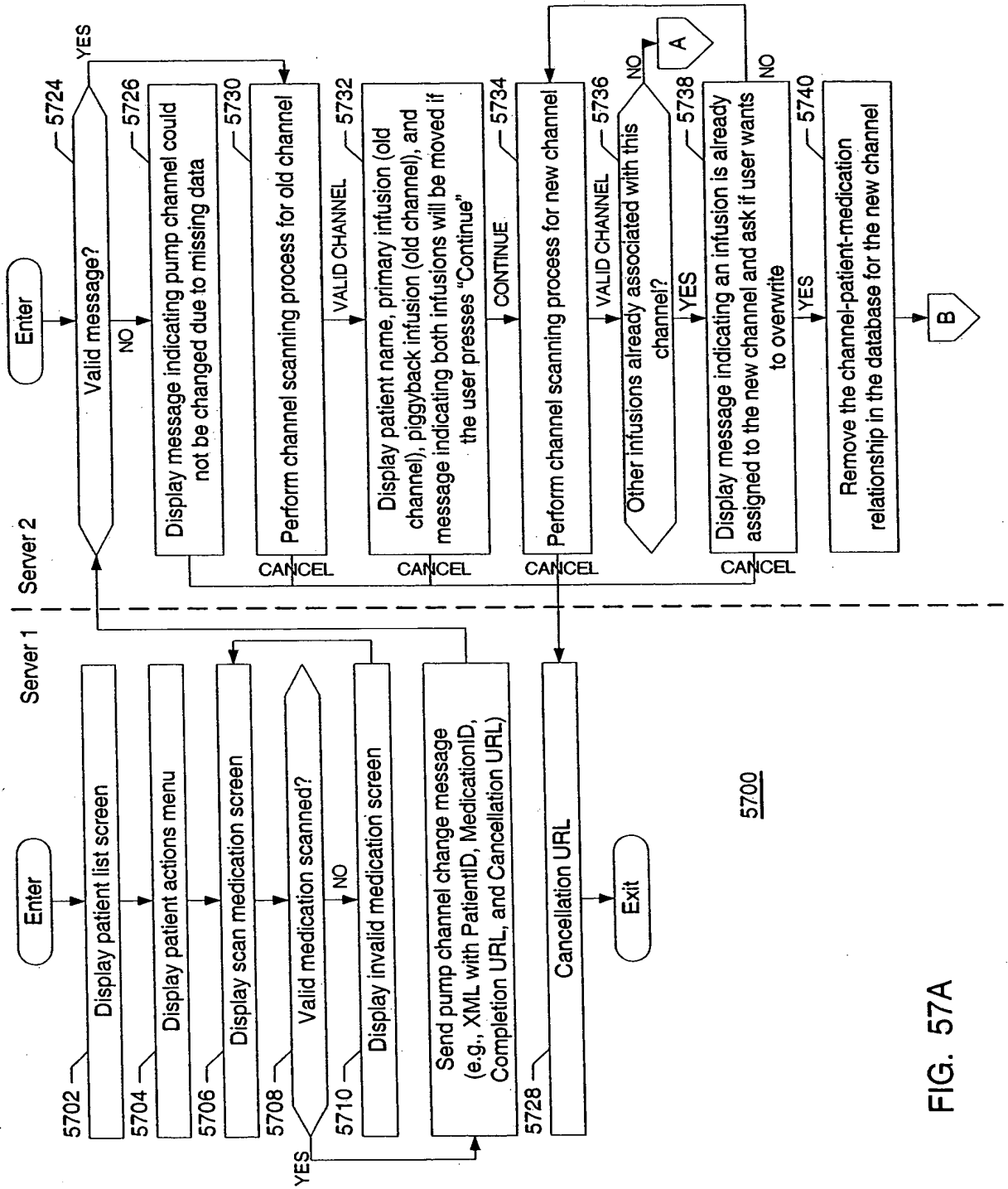


FIG. 57A

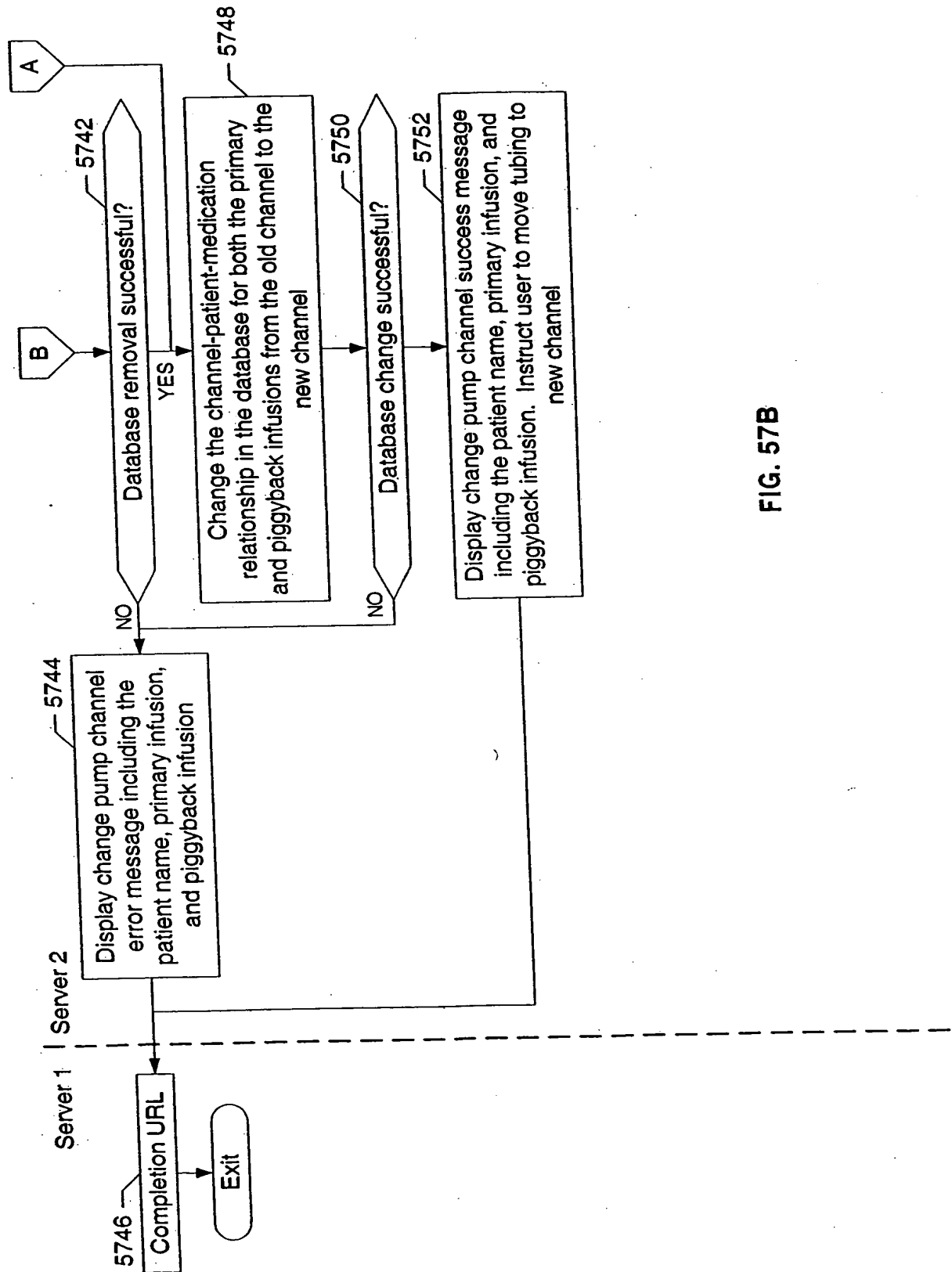


FIG. 57B

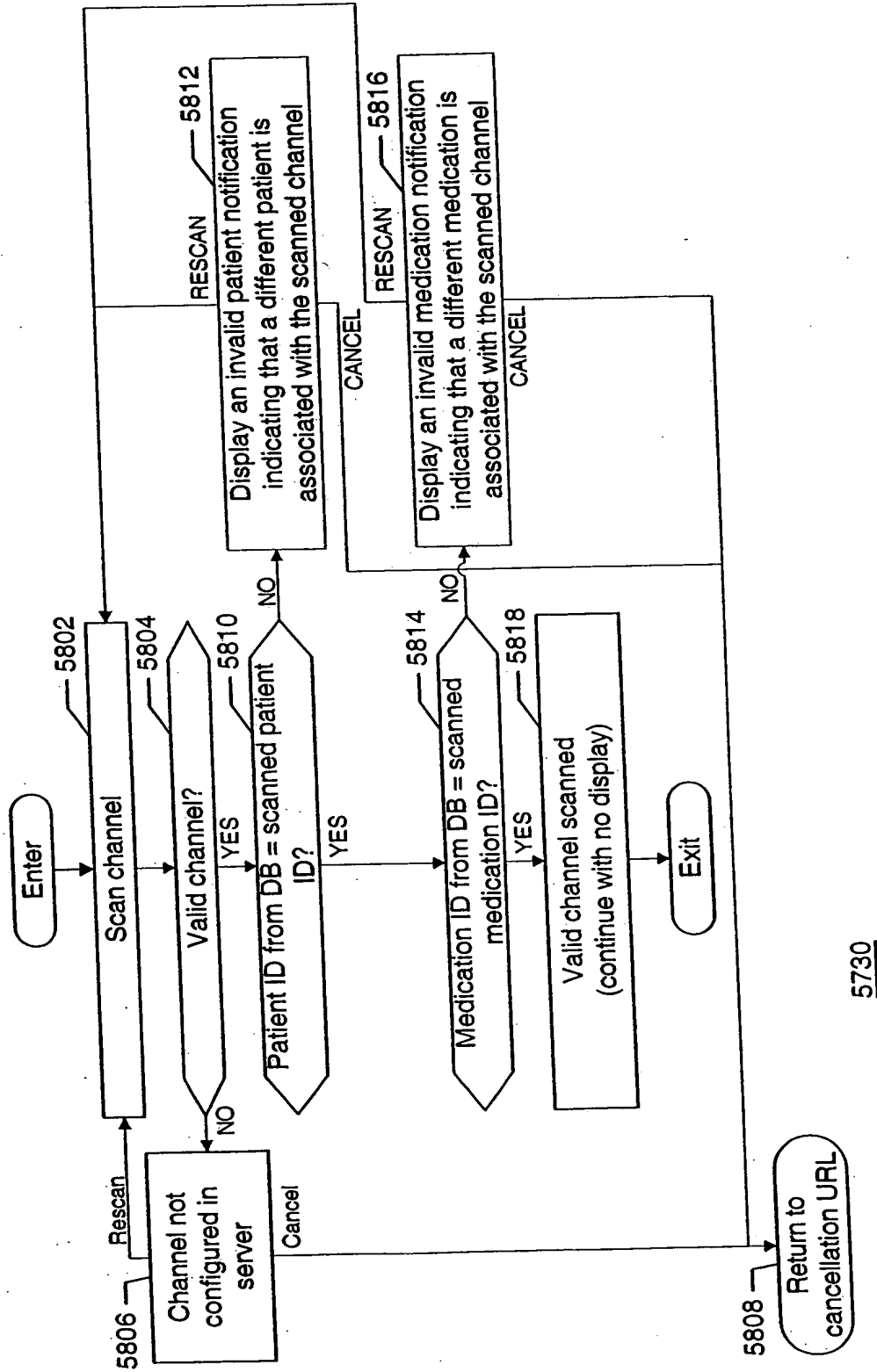


FIG. 58

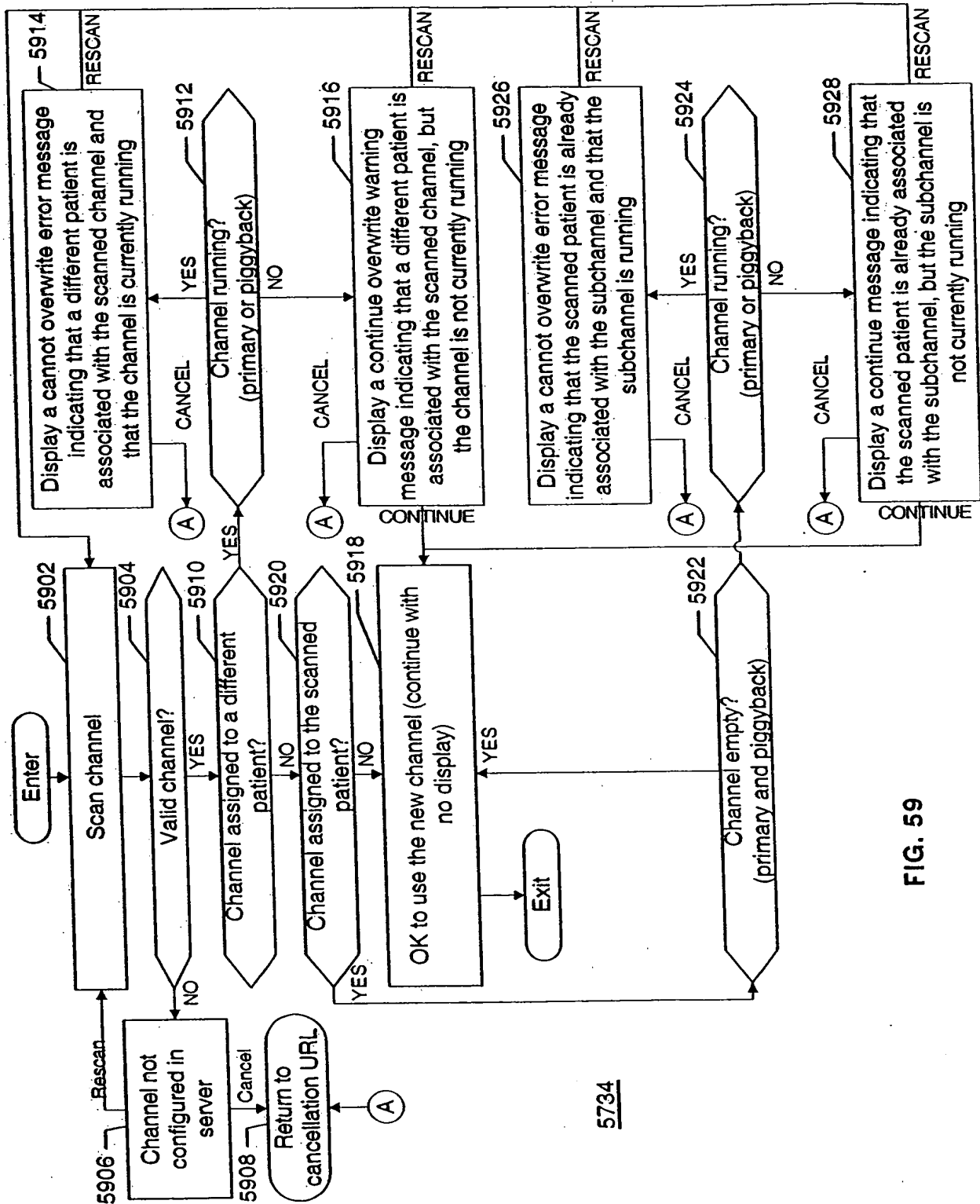
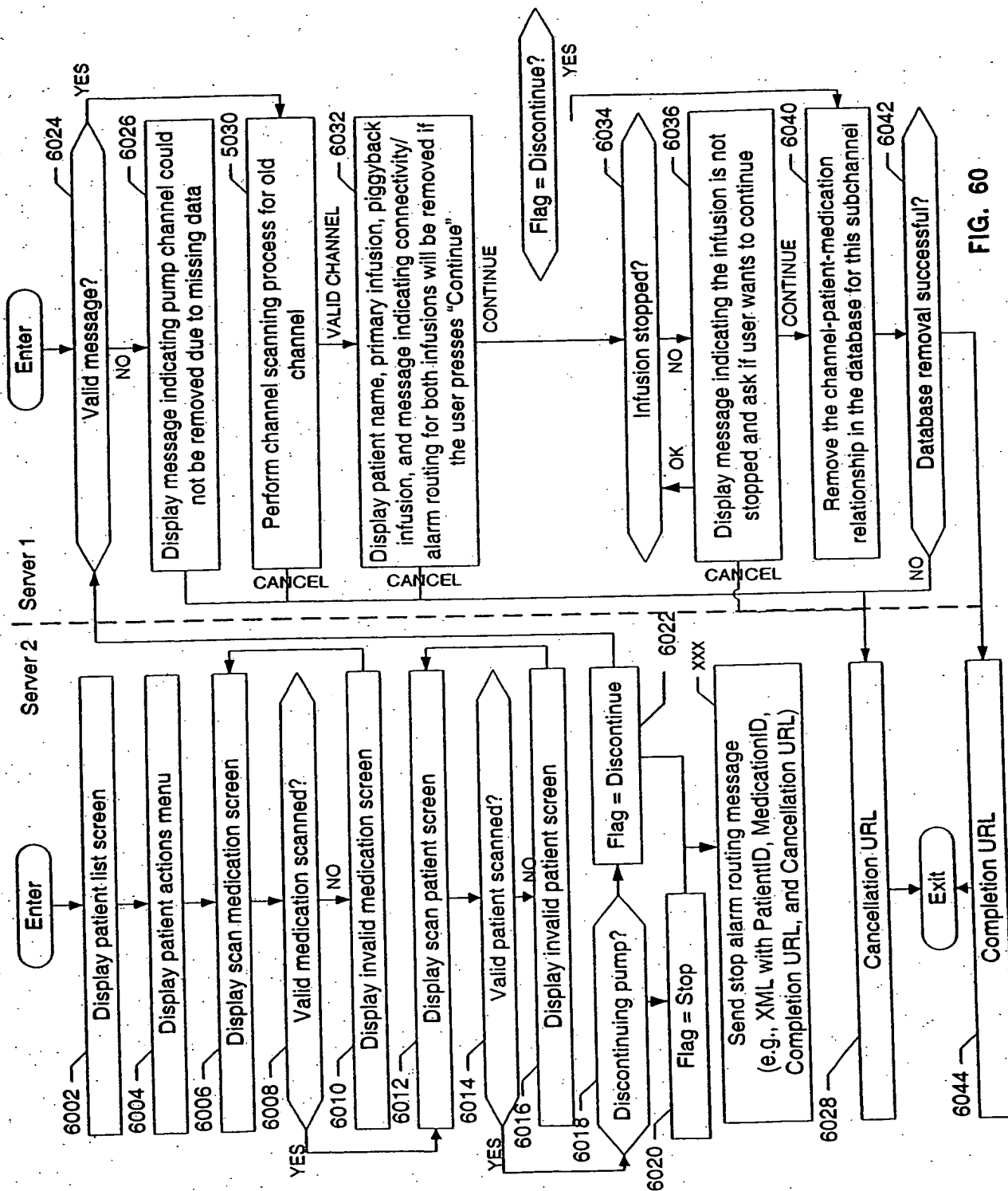


FIG. 59

5734



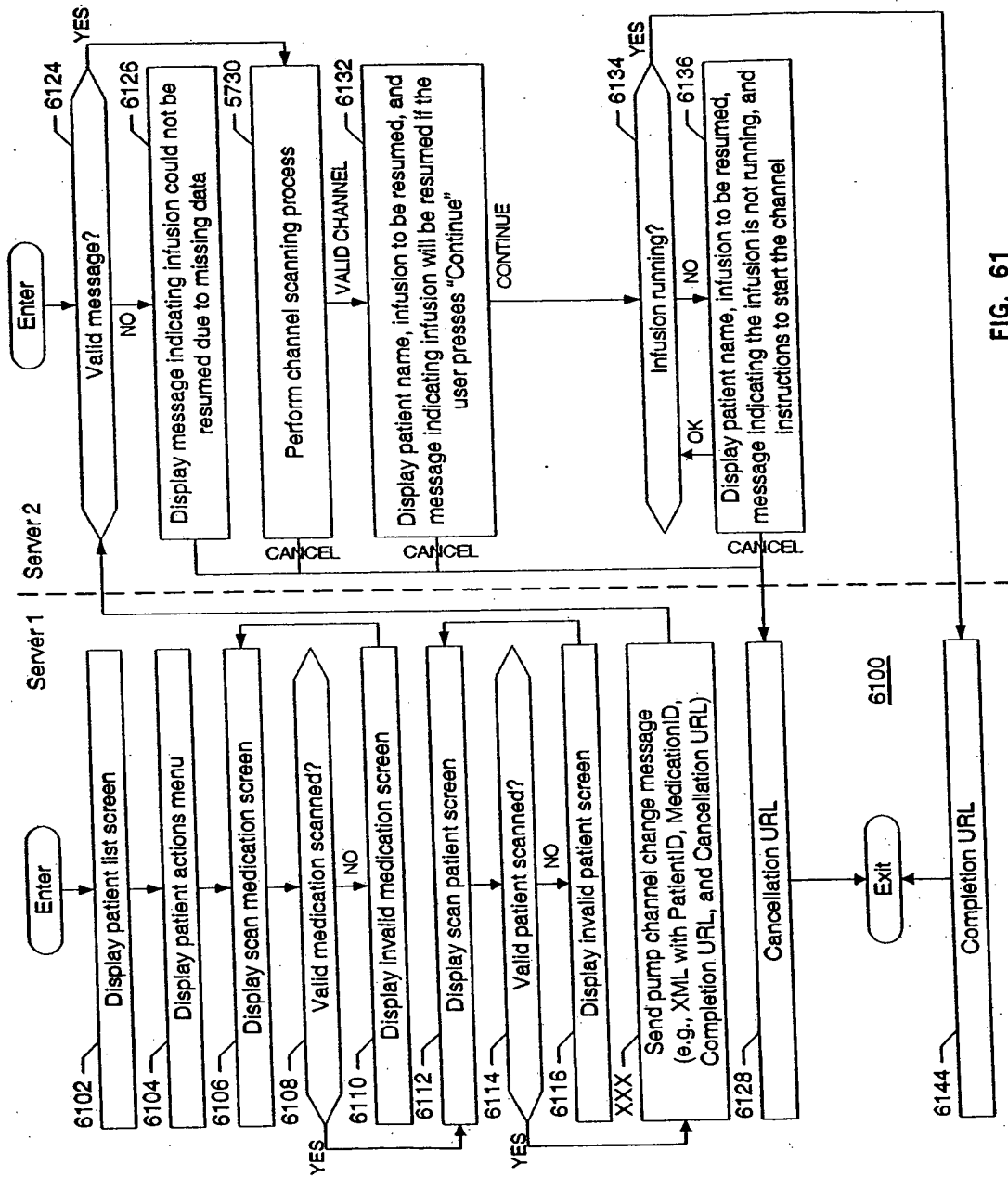


FIG. 61

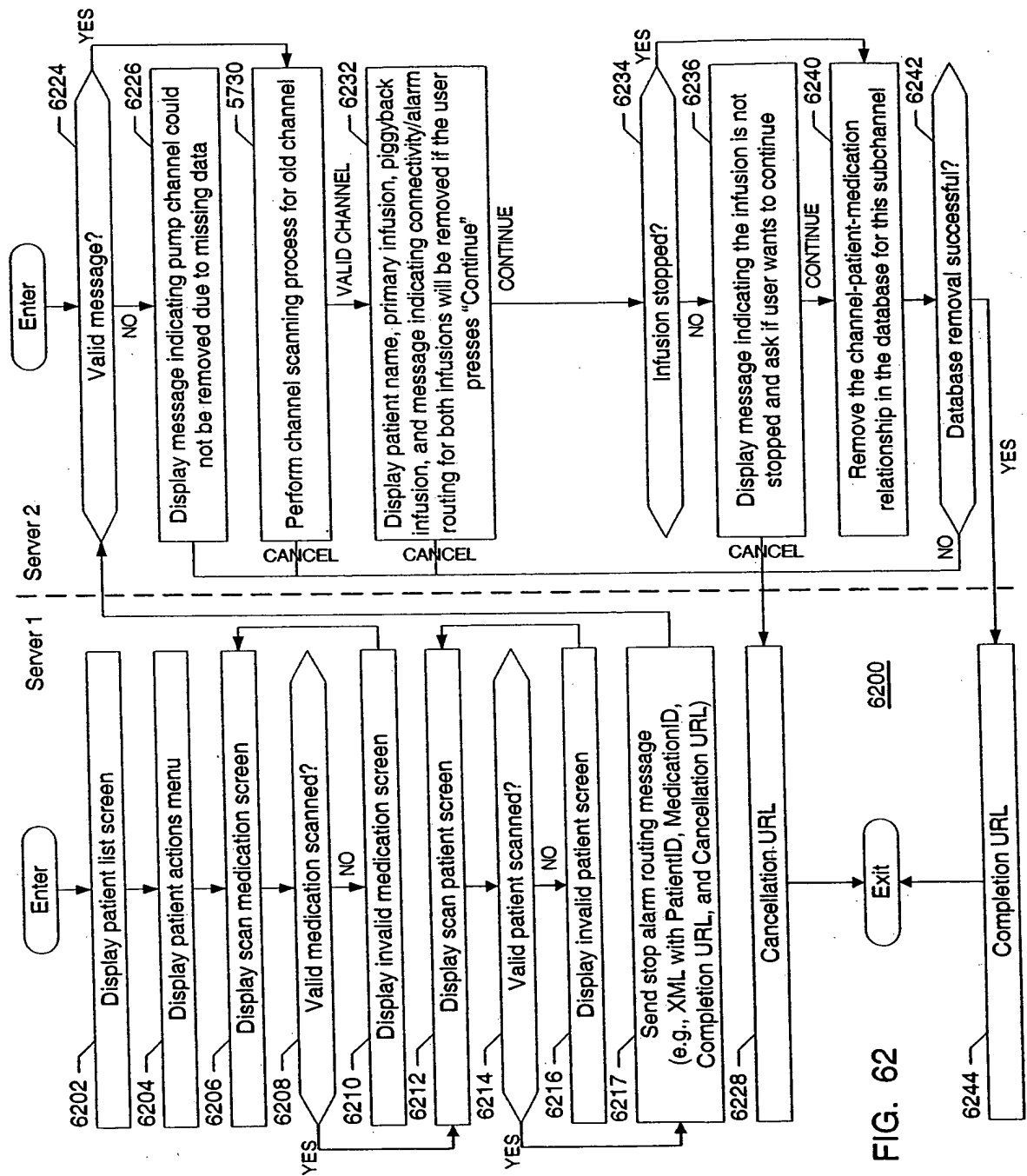
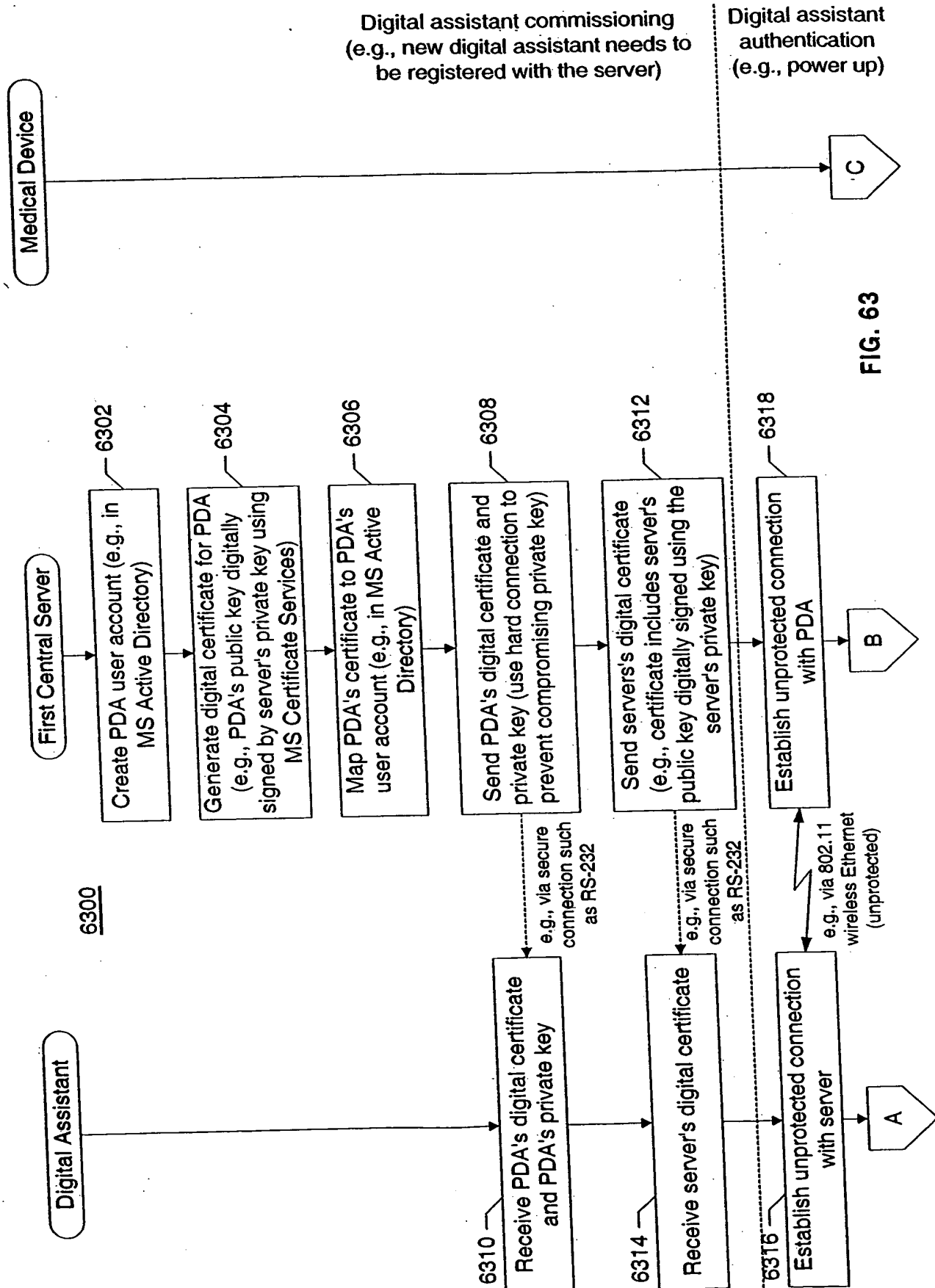


FIG. 62



Digital assistant
 authentication
 (e.g., power up)

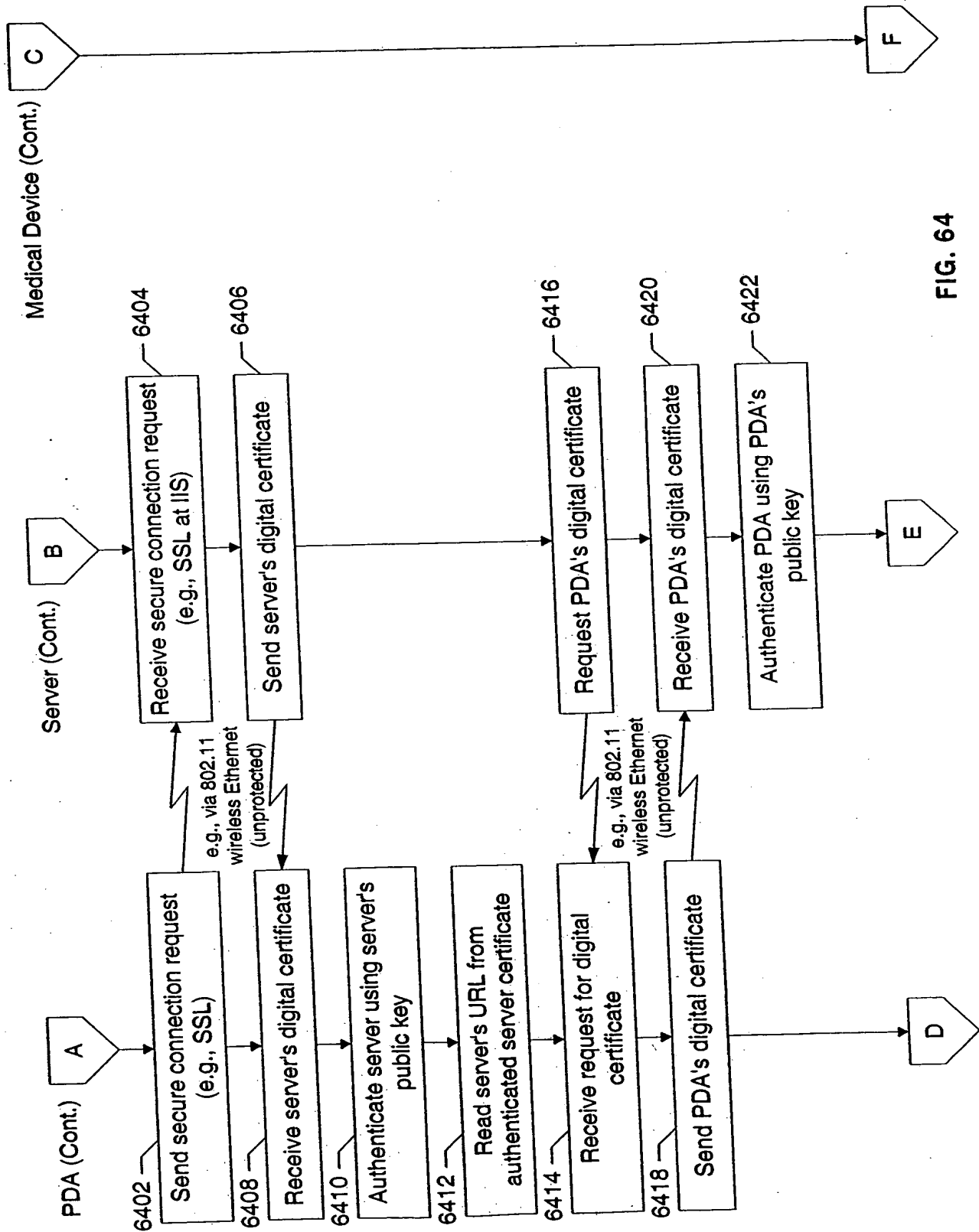


FIG. 64

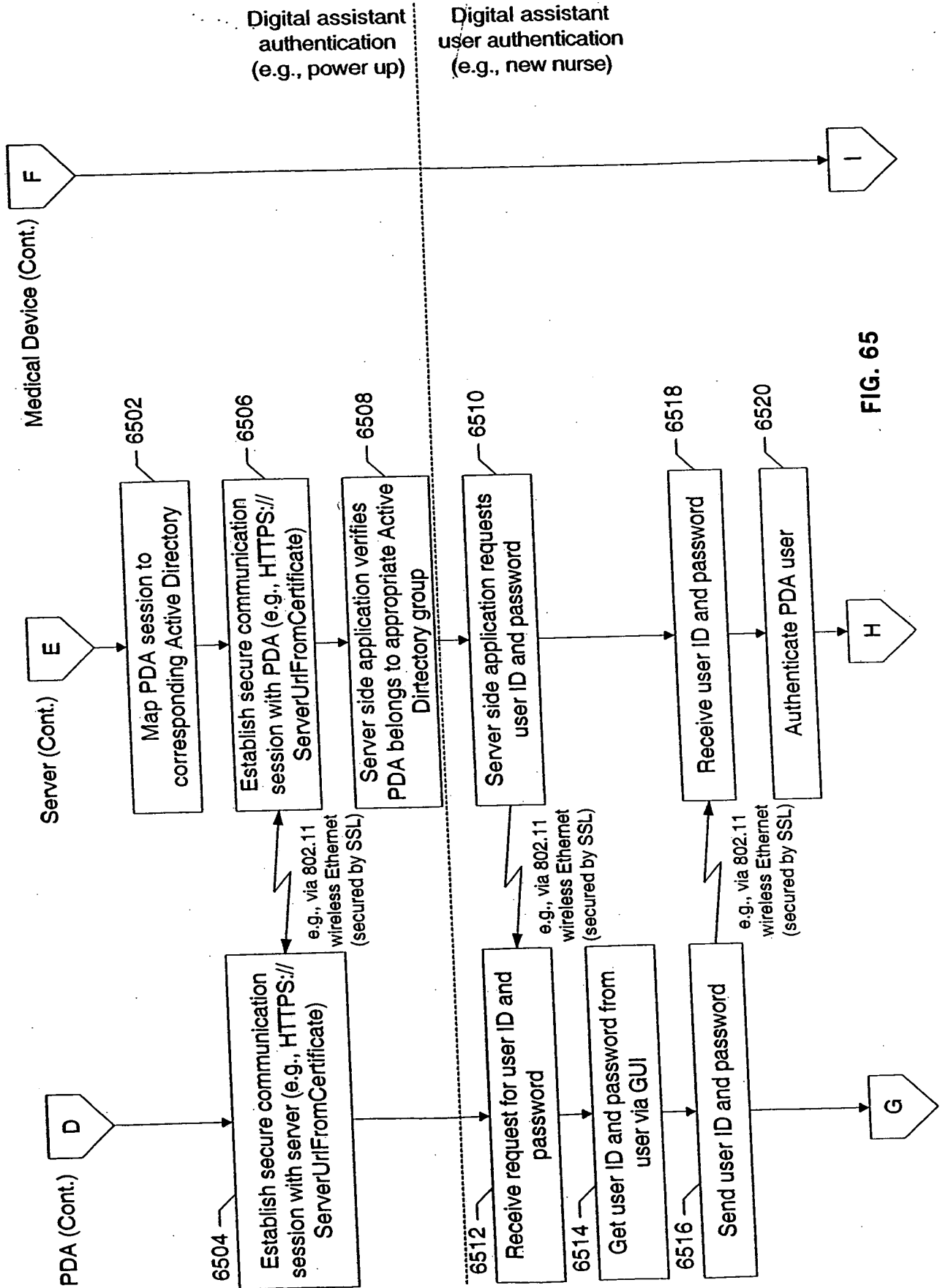


FIG. 65

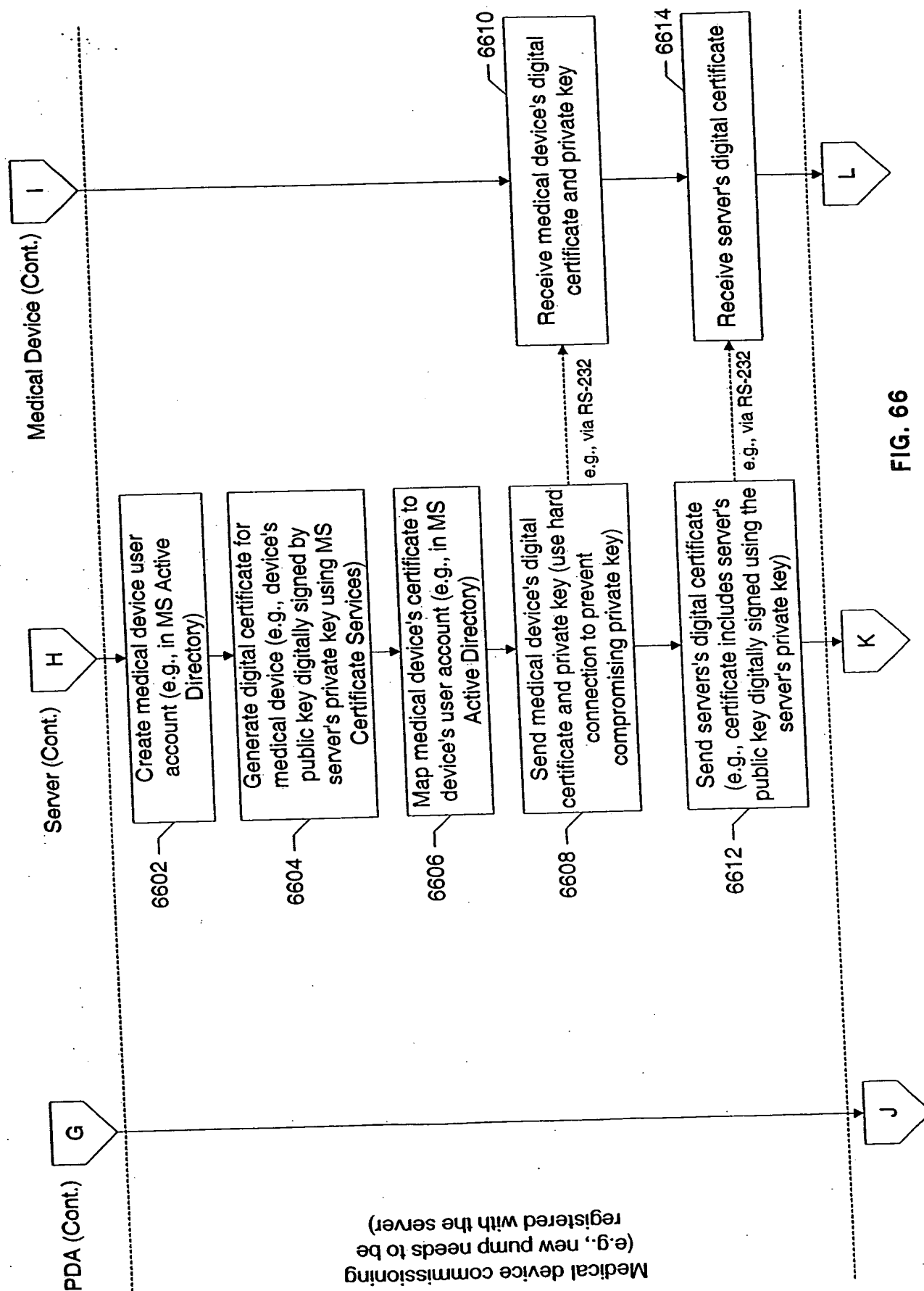


FIG. 66

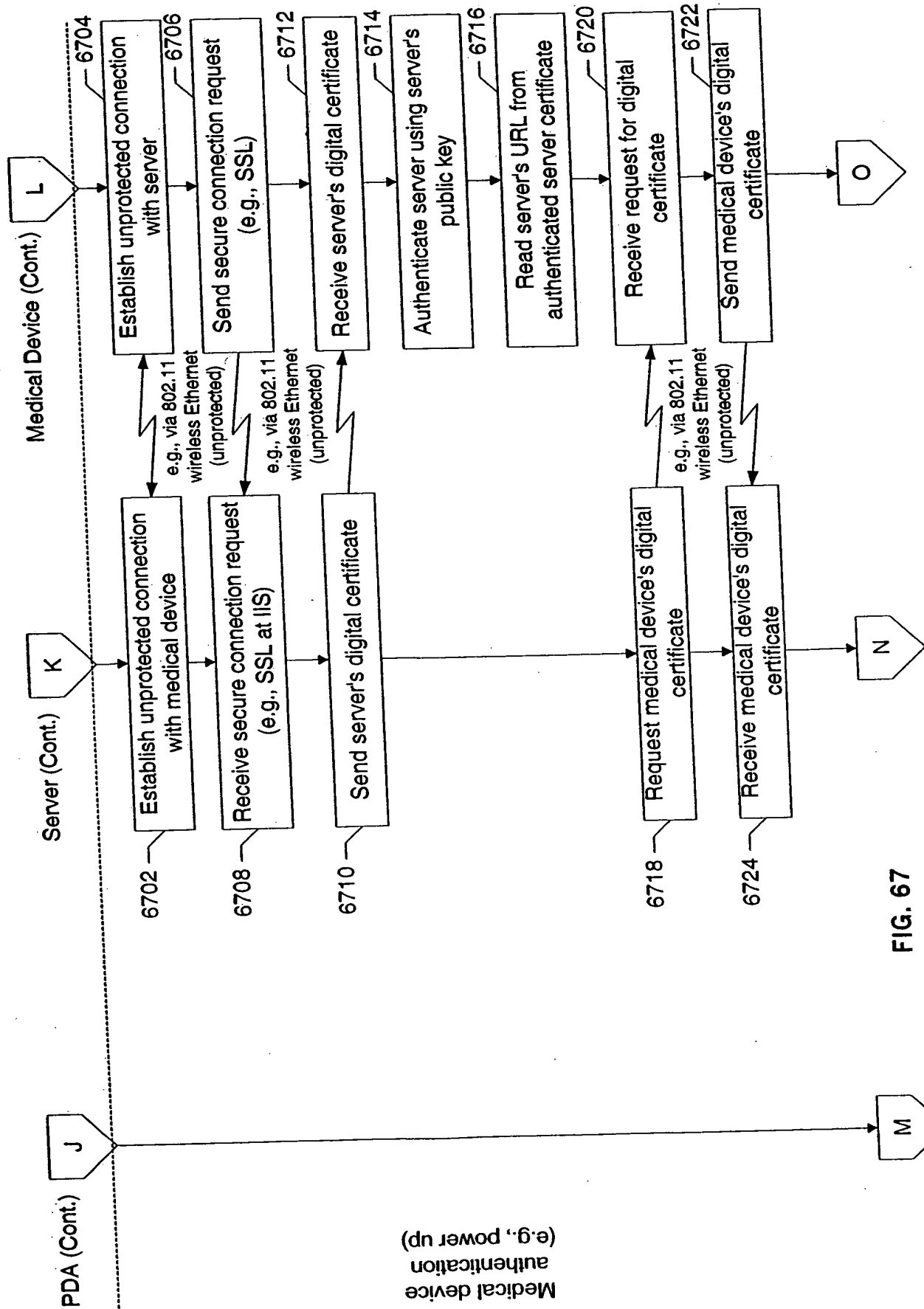


FIG. 67

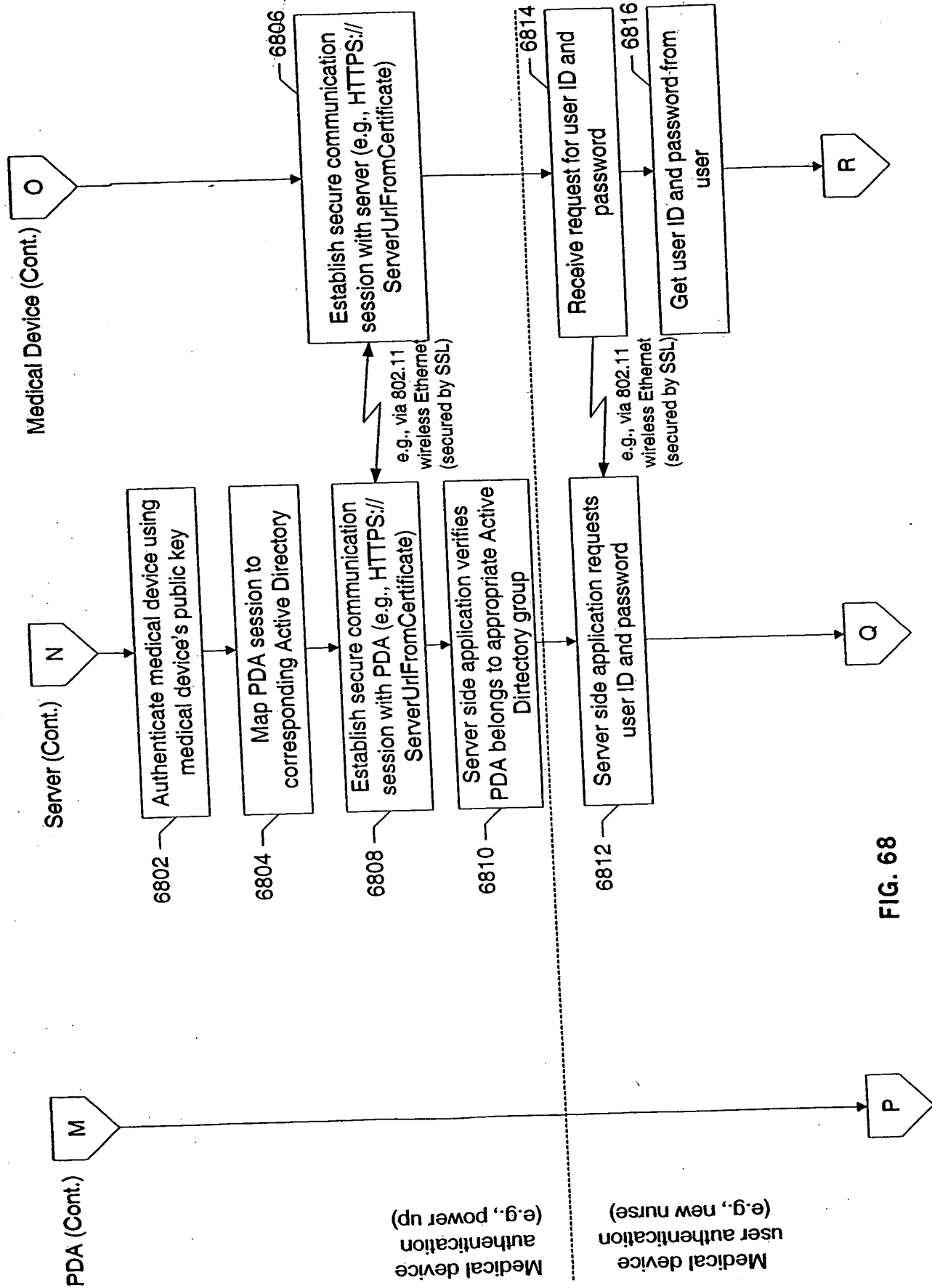


FIG. 68

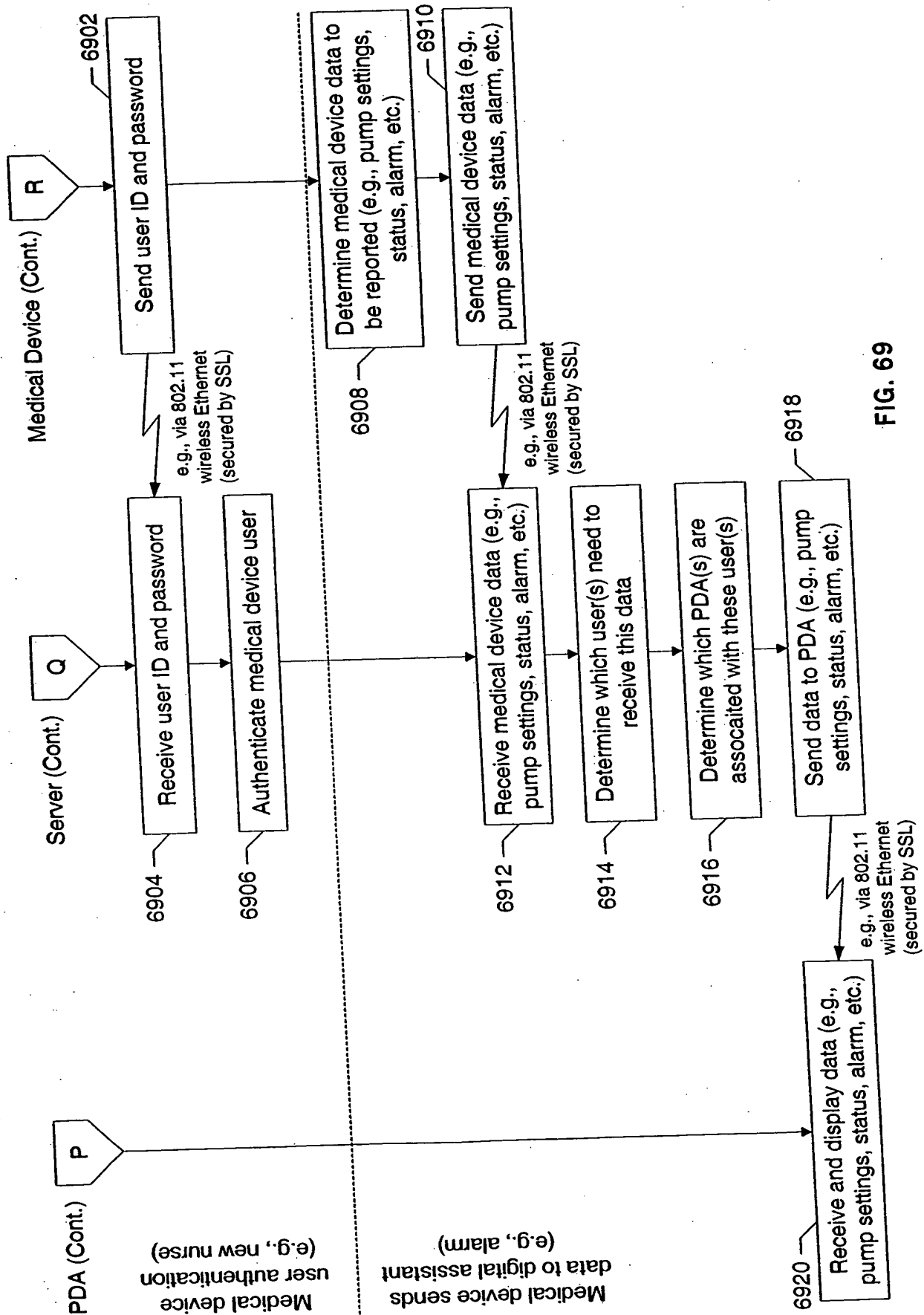


FIG. 69